User Manual

SongBook+

Version 3.0

(Document Revision 1)

Table of contents

1 SongBook+ settings 4

2 Add files to SongBook+ using iTunes 5

3 Insert unused files into the song list 6

4 Use the song list 7

5 Edit song details 8

6 Display a PDF document and scroll in the document 9

7 Preselect next song without closing the current song 10

8 Use of the metronome 11

9 Use of night colors 12

10 Record page turns automatically 13

11 Record finger pointer in the "Karaoke style" 13

12 Insert / edit / delete annotations 14

12.1 Insert annotations 16

12.2 Delete annotations 17

12.3 Edit annotations 17

12.4 Copy annotations 18

12.5 Save frequently used annotations 19

12.6 Use saved annotations again 19

12.7 Action button annotations 20

13 Use playlists 21

13.1 Select an existing playlist 21

13.2 Add a new playlist 22

13.3 Rename or delete playlists 23

13.4 Edit the content of the playlist 24

13.5 Live playlists 25

14 Import files from mail or other applications 26

15 Share songs or files (export) 27

16 Share SongBook folder via Wi-Fi 28

17 Import lyrics and chords 29

17.1 Import song lyrics and chords from MP3 files 29

17.1.1 Add a song without PDF and select MP3 29

17.1.2 Create PDF from lyrics in MP3 30

17.2 Import song lyrics and chords from MIDI files 30

17.3 Import song lyrics and chords from LRC files 30

17.4 Import song lyrics and chords from ChordPro files 30

18 Transpose chords 31

19 Scan lyrics on paper with built-in camera 32

20 Use the MIDI features 33

20.1 Connecting iPad to MIDI 33

20.1.1 MIDI adapter and devices with USB MIDI interface 33

20.1.2 MIDI adapter directly connected to the iPad ... 34
20.1.3 Wirelessly via Bluetooth or WLAN ... 34
20.2 Playing back MIDI files ... 35
20.3 Open song text on incoming MIDI commands ... 36
20.4 Send MIDI commands when song text is opened ... 37
20.4.1 Send the configured BankSelect/ProgramChange commands ... 37
20.4.2 Send the contents of a MIDI file upon opening the song ... 38
20.4.3 Send other configurable MIDI commands ... 38
20.5 Send MIDI commands when the song is started ... 38
20.5.1 Send the contents of a MIDI file upon starting the song ... 38
20.5.2 Send MIDI Start when the song was started ... 38
20.5.3 Send other configurable MIDI commands ... 38
20.6 Send MIDI commands when the song is stopped ... 39
20.6.1 Send the contents of a MIDI file upon stopping the song ... 39
20.6.2 Send MIDI Stop when the song was stopped ... 39
20.6.3 Send other configurable MIDI commands ... 39
20.7 Send MIDI commands at a button touch ... 39

21 Using foot pedals ... 40
21.1 20.1 Foot pedals that simulate an external keyboard ... 40
21.2 Foot pedals that send MIDI commands ... 41

22 Connecting multiple iPads with SongBook+ ... 42
22.1 Synchronizing via code ... 43
22.2 Synchronizing via MIDI information ... 43

23 Use of multiple books ... 44

24 Backup and restore your data ... 45
24.1 Backup your data ... 45
24.2 Restore your data from Backup ... 46

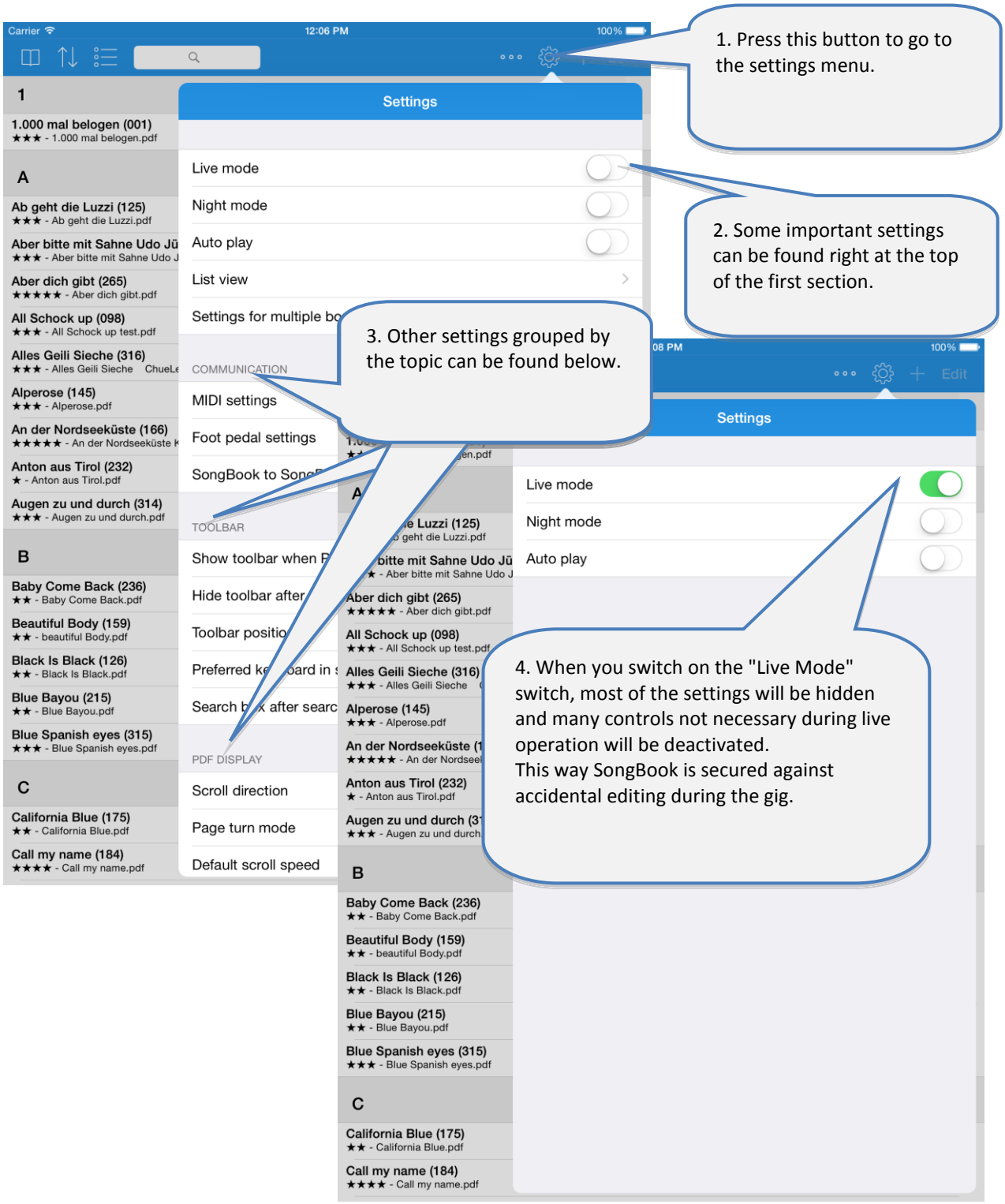
25 Quit SongBook+ or other apps completely ... 47

26 Supported file formats ... 48
26.1 Files for text or note display ... 48
26.2 Music files ... 48
26.3 Midi files ... 48
26.4 Video files ... 48
26.5 ChordPro files ... 48
26.6 LRC files ... 48
26.7 MP3 files with embedded text ... 48

27 Contribution ... 49

28 Contact information ... 49

1 SongBook+ settings


1. Press this button to go to the settings menu.
2. Some important settings can be found right at the top of the first section.
3. Other settings grouped by the topic can be found below.
4. When you switch on the "Live Mode" switch, most of the settings will be hidden and many controls not necessary during live operation will be deactivated.
This way SongBook is secured against accidental editing during the gig.
Settings
Live mode
Night mode
Auto play
List view
COMMUNICATION
MIDI settings
Foot pedal settings
TOOLBAR
PDF DISPLAY
Scroll direction
Page turn mode
Default scroll speed
Edit

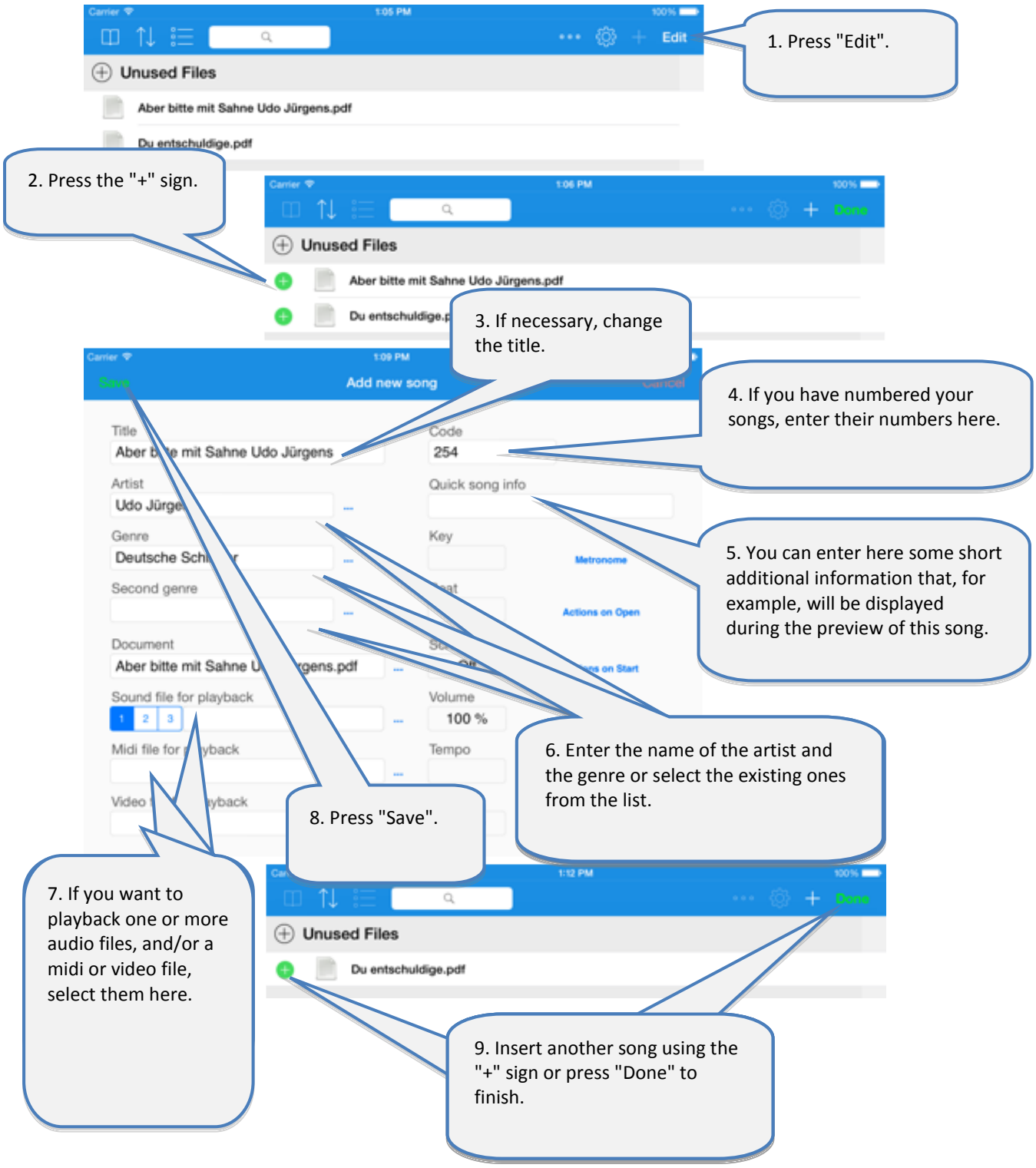
2 Add files to SongBook+ using iTunes

To add PDF, music or video files to SongBook, connect your iPad to the computer, start iTunes and follow the steps below:

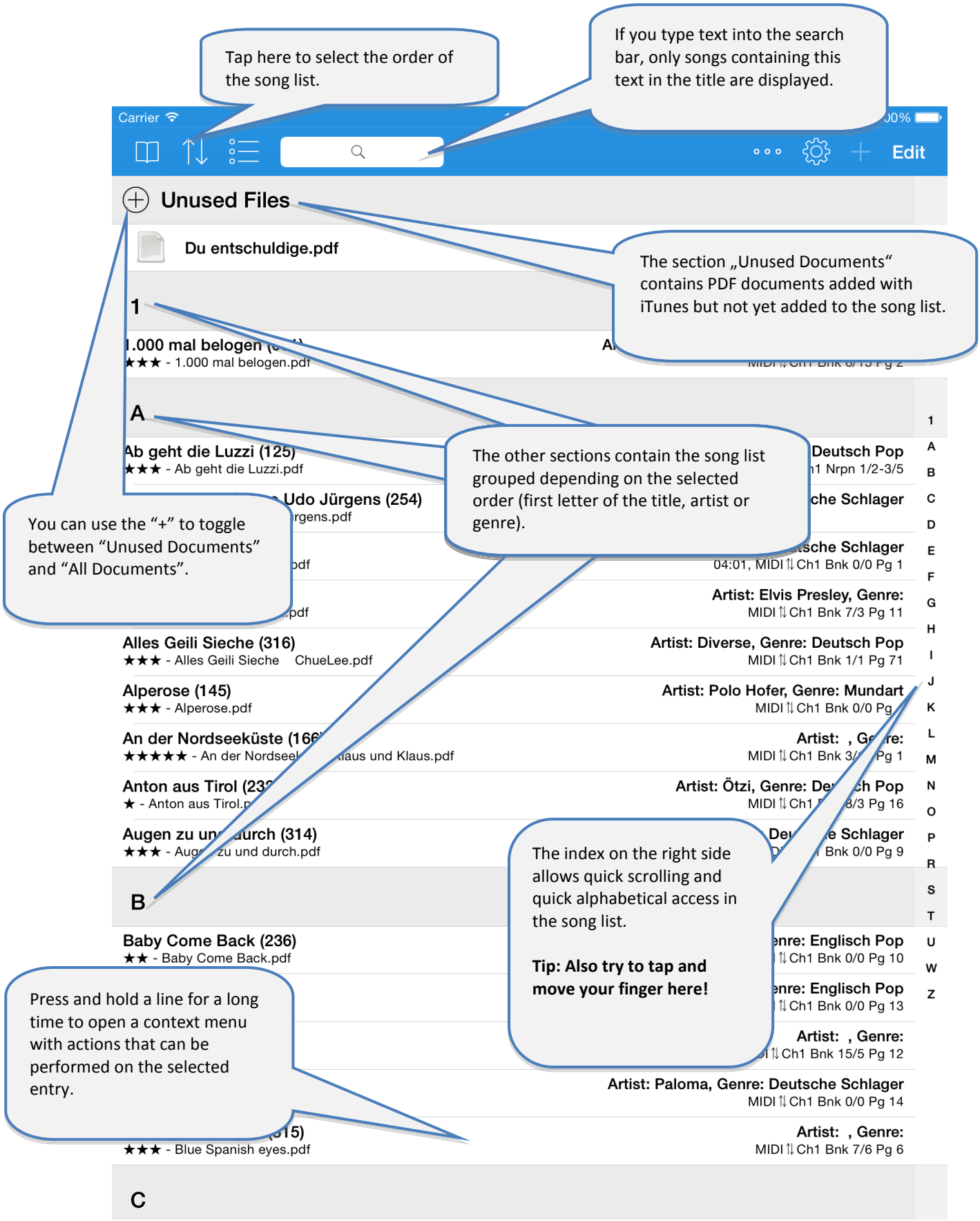
3 Insert unused files into the song list

After inserting PDF, music or video files into SongBook, they appear as "Unused Files".

By following the steps below you can transfer them into the song list and provide additional information like title, artist, genre and MP3 file to play in the background.


1. Press "Edit".
Edit
Unused Files
Aber bitte mit Sahne Udo Jürgens.pdf
Du entschuldige.pdf
2. Press the "+" sign.
Done
3. If necessary, change the title.
Add new song
Save
Cancel
Title
Code
254
Artist
Quick song info
Genre
Key
Second genre
Document
Sound file for playback
Volume
100 %
Midi file for playback
Tempo
Video file for playback
4. If you have numbered your songs, enter their numbers here.
5. You can enter here some short additional information that, for example, will be displayed during the preview of this song.
6. Enter the name of the artist and the genre or select the existing ones from the list.
8. Press "Save".
7. If you want to playback one or more audio files, and/or a midi or video file, select them here.
9. Insert another song using the "+" sign or press "Done" to finish.

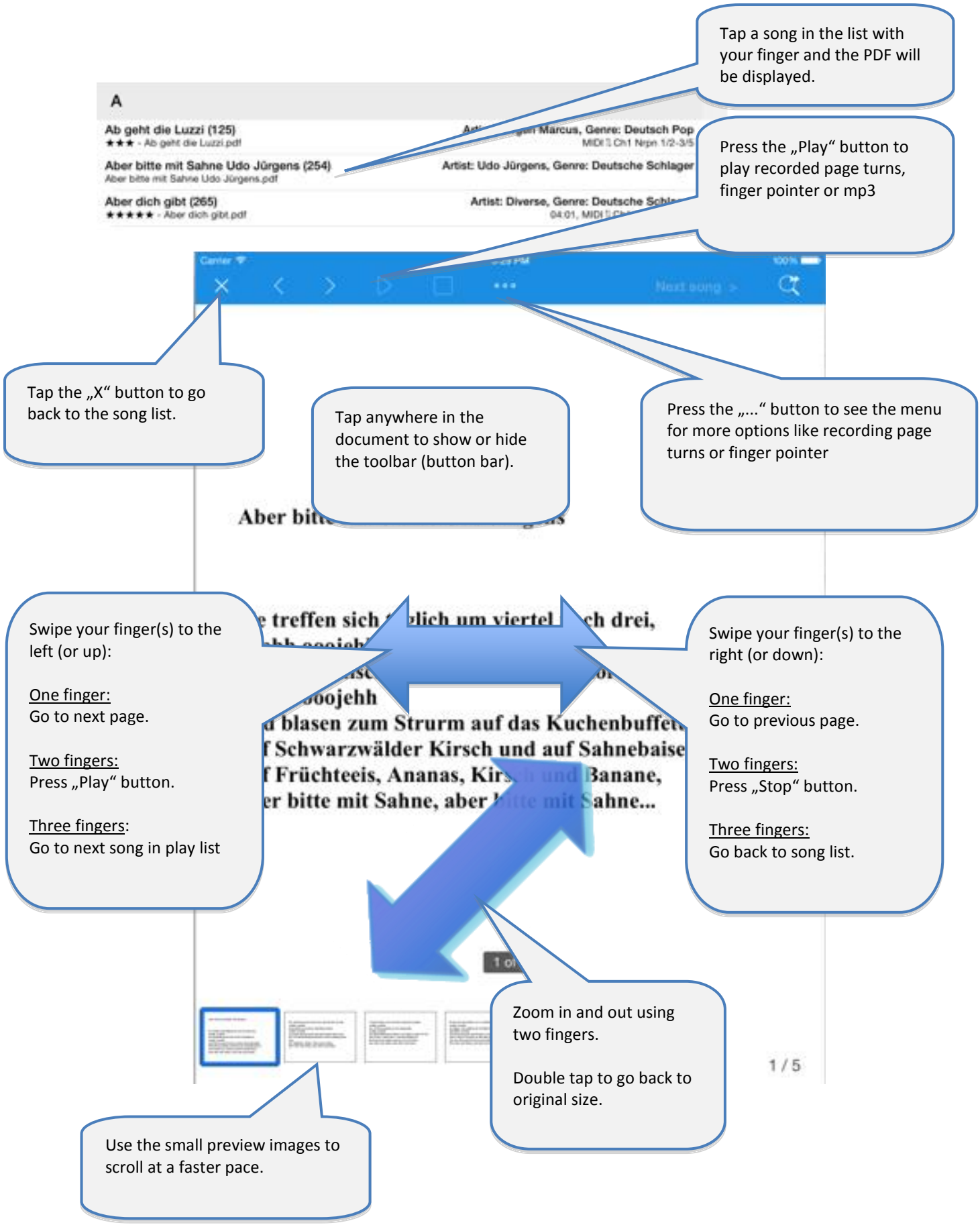
4 Use the song list


Tap here to select the order of the song list.
If you type text into the search bar, only songs containing this text in the title are displayed.
Edit
Unused Files
Du entschuldige.pdf
The section „Unused Documents“ contains PDF documents added with iTunes but not yet added to the song list.
1
A
B
C
You can use the “+” to toggle between “Unused Documents” and “All Documents”.
The other sections contain the song list grouped depending on the selected order (first letter of the title, artist or genre).
Alles Geili Sieche (316)
★★★ - Alles Geili Sieche ChueLee.pdf
Artist: Diverse, Genre: Deutsch Pop
MIDI ⇅ Ch1 Bnk 1/1 Pg 71
Alperose (145)
★★★ - Alperose.pdf
Artist: Polo Hofer, Genre: Mundart
Baby Come Back (236)
★★ - Baby Come Back.pdf
Artist: Paloma, Genre: Deutsche Schlager
MIDI ⇅ Ch1 Bnk 0/0 Pg 14
★★★ - Blue Spanish eyes.pdf
Artist: , Genre:
MIDI ⇅ Ch1 Bnk 7/6 Pg 6
The index on the right side allows quick scrolling and quick alphabetical access in the song list.
Tip: Also try to tap and move your finger here!
Press and hold a line for a long time to open a context menu with actions that can be performed on the selected entry.

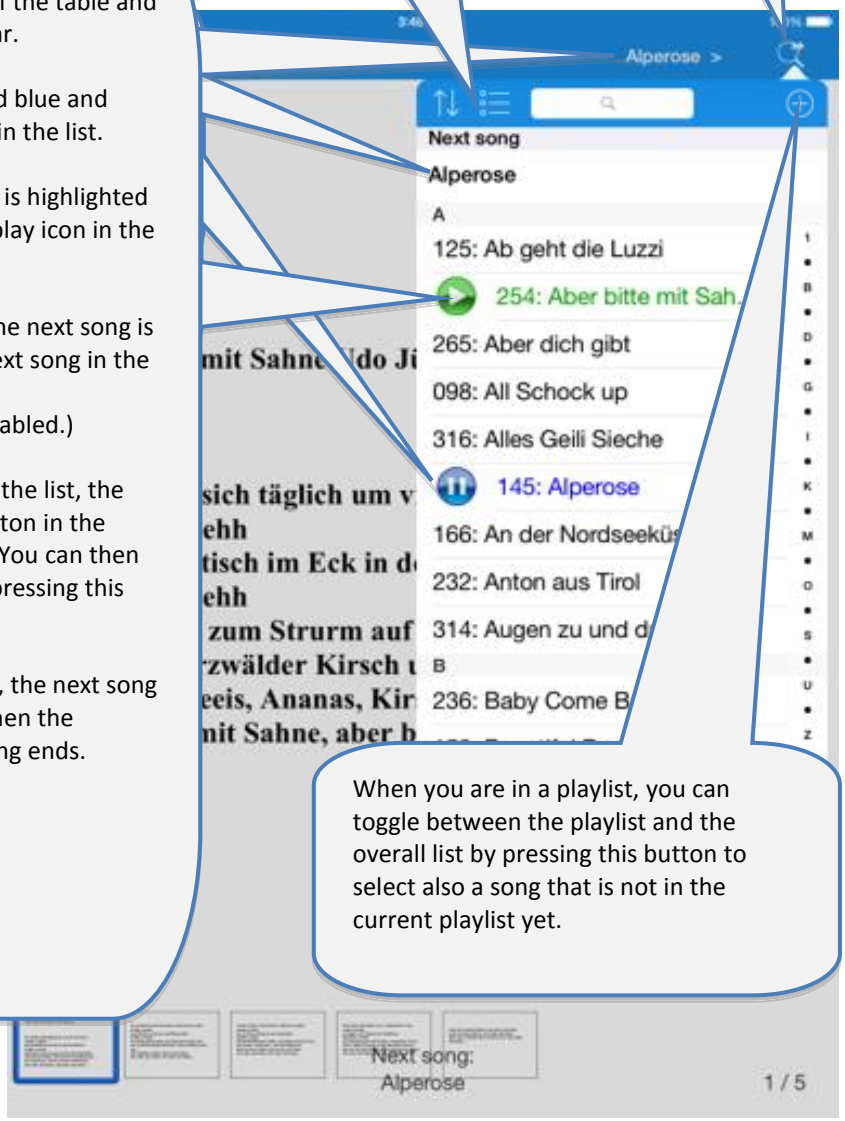
5 Edit song details

1. Press „Edit“
2. Tap the song you want to edit in the list.
3. Edit the song details.
4. Press „Save“.
5. Tap another song to edit or press „Done“ to finish editing.

6 Display a PDF document and scroll in the document


Tap a song in the list with your finger and the PDF will be displayed.
Press the „Play“ button to play recorded page turns, finger pointer or mp3
Tap the „X“ button to go back to the song list.
Tap anywhere in the document to show or hide the toolbar (button bar).
Press the „...“ button to see the menu for more options like recording page turns or finger pointer
Swipe your finger(s) to the left (or up):
One finger:
Go to next page.
Two fingers:
Press „Play“ button.
Three fingers:
Go to next song in play list
Swipe your finger(s) to the right (or down):
One finger:
Go to previous page.
Two fingers:
Press „Stop“ button.
Three fingers:
Go back to song list.
Zoom in and out using two fingers.
Double tap to go back to original size.
Use the small preview images to scroll at a faster pace.

7 Preselect next song without closing the current song



Tapping this button opens a list with the same content in the same order as selected in the song list in the main overview

It is also possible to sort, filter and select a playlist here.

If the next song is already known, it is displayed in the first line of the table and in this button in the toolbar.

In addition, it is highlighted blue and marked with a pause icon in the list.

The currently playing song is highlighted green and marked with a play icon in the list.

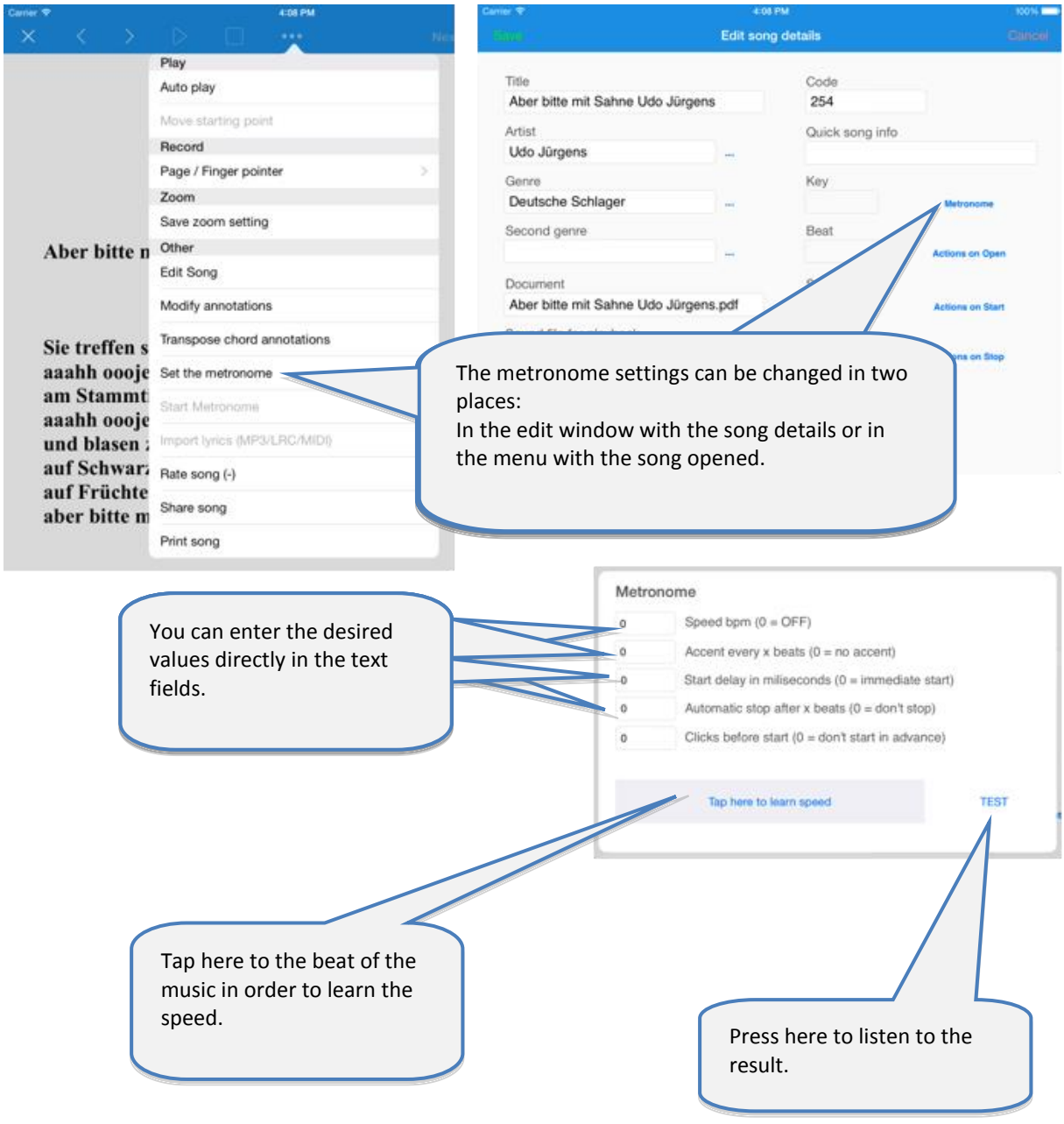
If you are using playlists, the next song is automatically set to the next song in the playlist.
(Optionally, this can be disabled.)

When you select a song in the list, the list disappears and the button in the toolbar is set to this song. You can then jump to the next song by pressing this button.

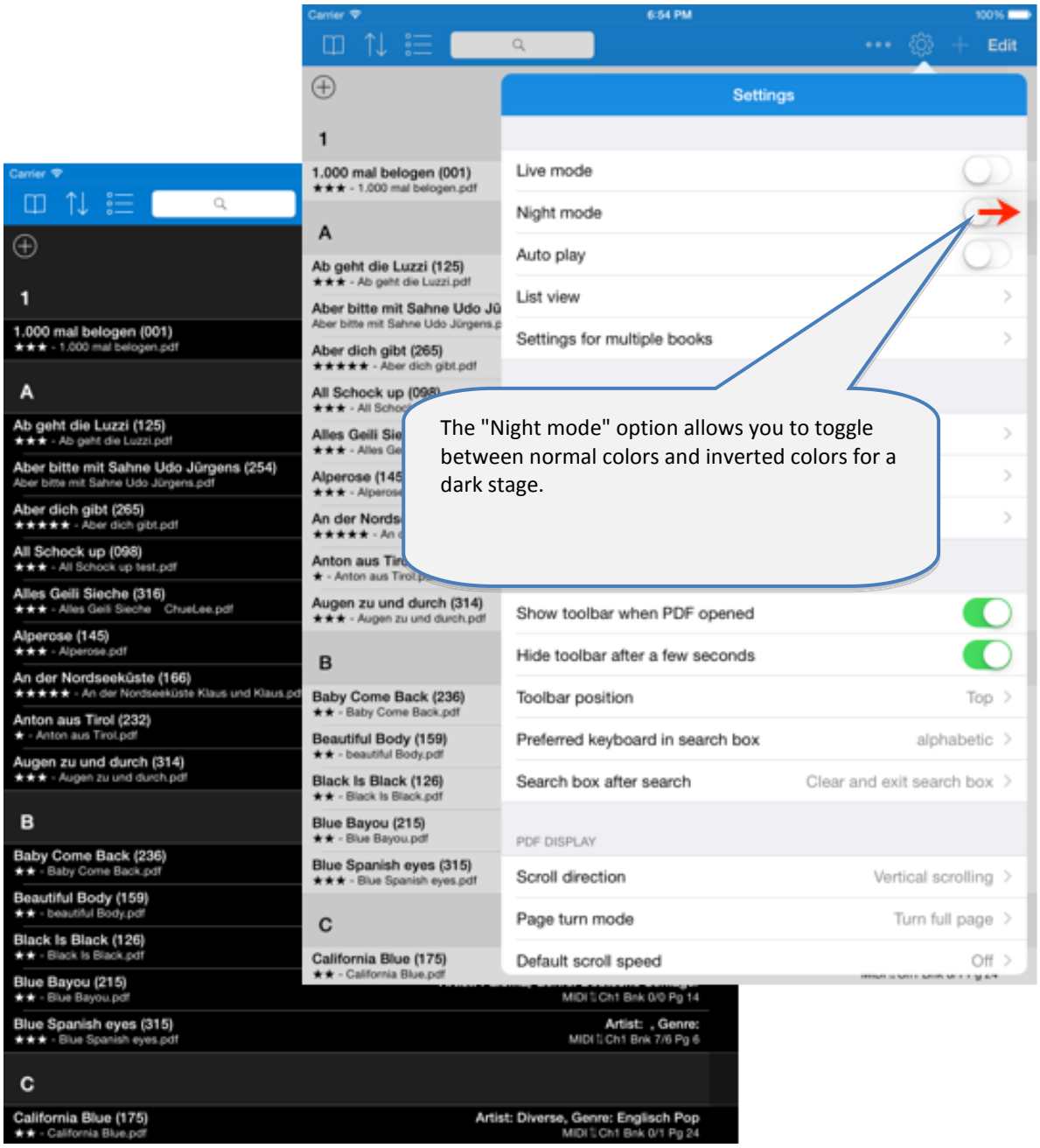
Depending on the settings, the next song will open automatically when the playback of the current song ends.

When you are in a playlist, you can toggle between the playlist and the overall list by pressing this button to select also a song that is not in the current playlist yet.

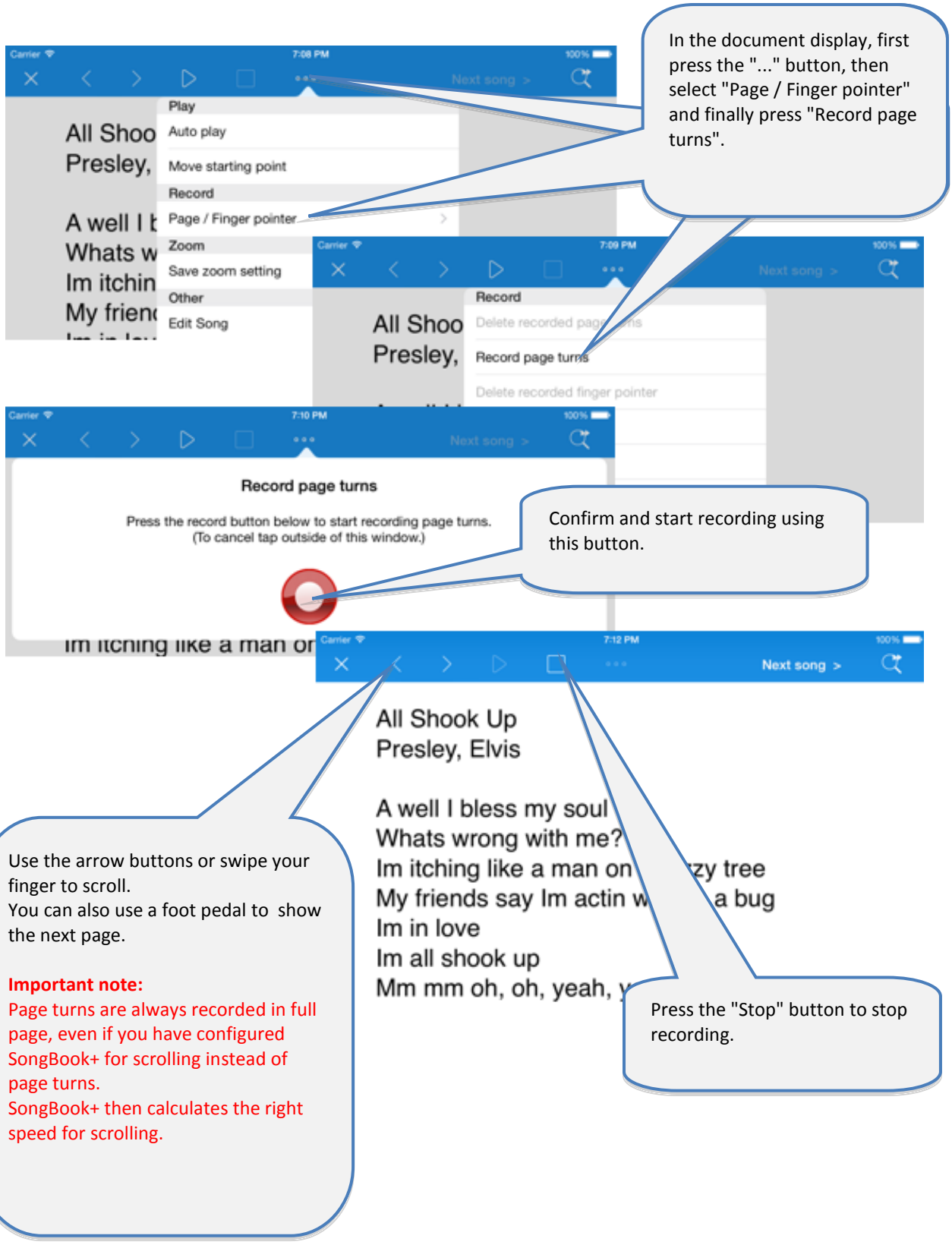
8 Use of the metronome



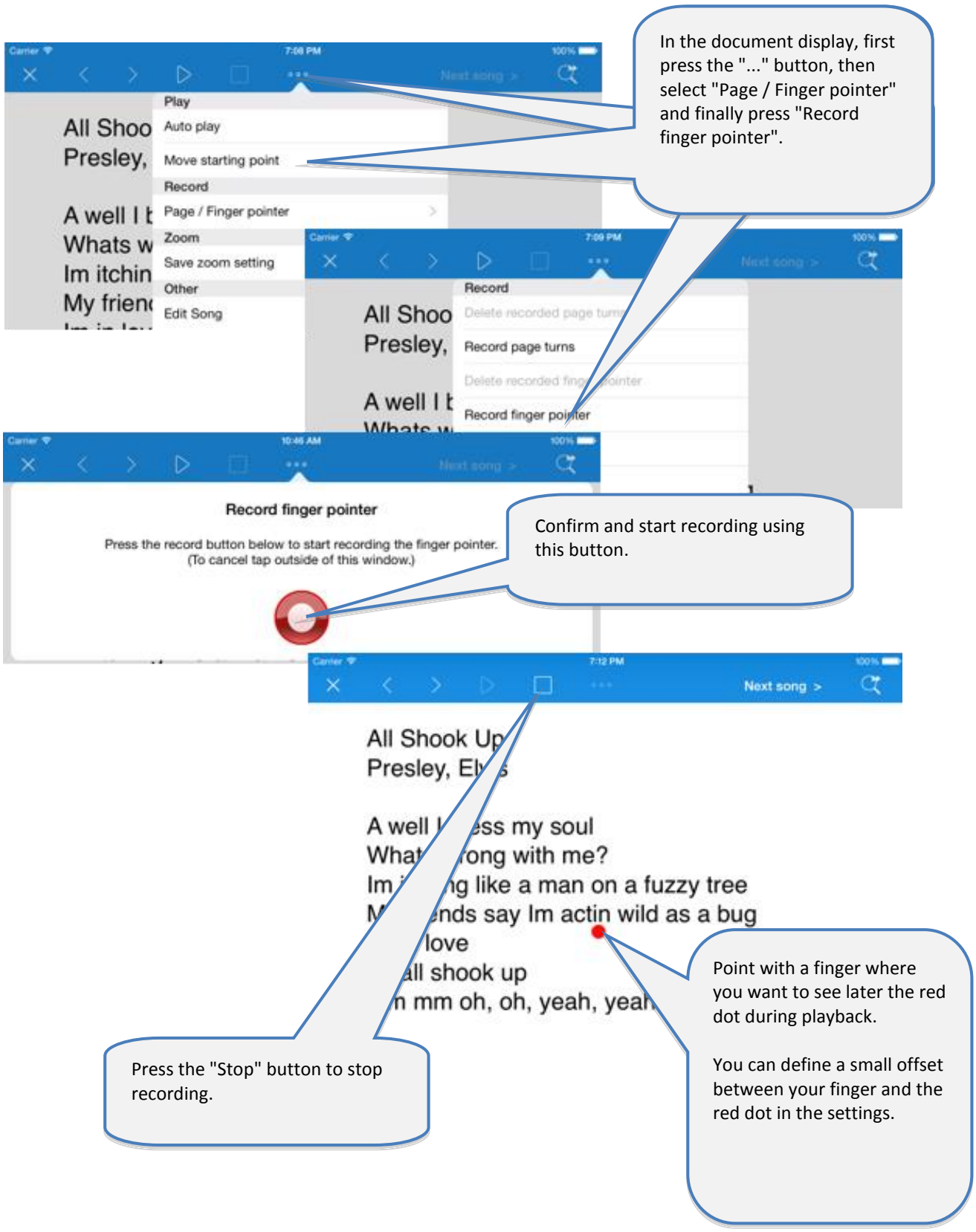
9 Use of night colors



10 Record page turns automatically

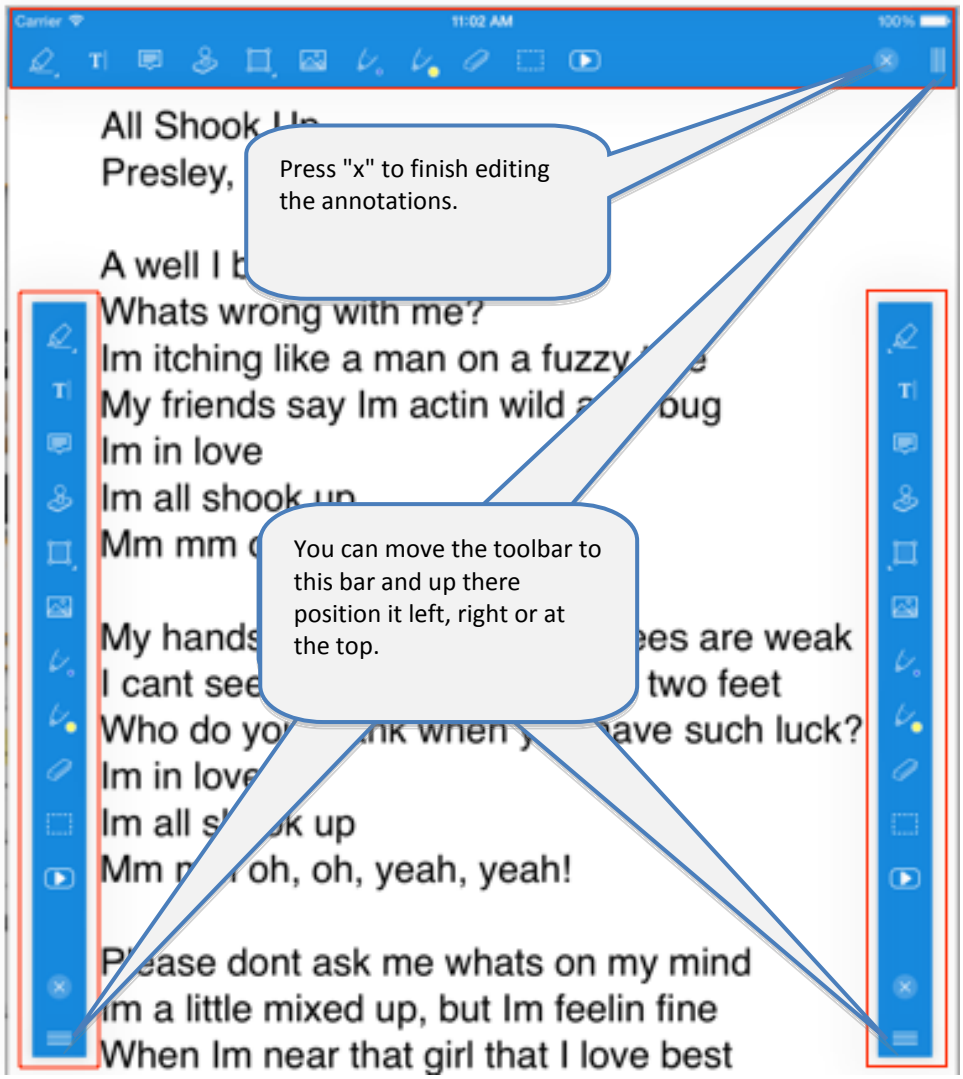

In the document display, first press the "..." button, then select "Page / Finger pointer" and finally press "Record page turns".
Play
Auto play
Move starting point
Record
Page / Finger pointer
Zoom
Save zoom setting
Other
Edit Song
Record
Record page turns
Delete recorded finger pointer
Record page turns
Press the record button below to start recording page turns.
(To cancel tap outside of this window.)
Confirm and start recording using this button.
Next song >
All Shook Up
Presley, Elvis
A well I bless my soul
Whats wrong with me?
Im itching like a man on
My friends say Im actin w
Im in love
Im all shook up
Use the arrow buttons or swipe your finger to scroll.
You can also use a foot pedal to show the next page.
Important note:
Page turns are always recorded in full page, even if you have configured SongBook+ for scrolling instead of page turns.
SongBook+ then calculates the right speed for scrolling.
Press the "Stop" button to stop recording.

11 Record finger pointer in the "Karaoke style"

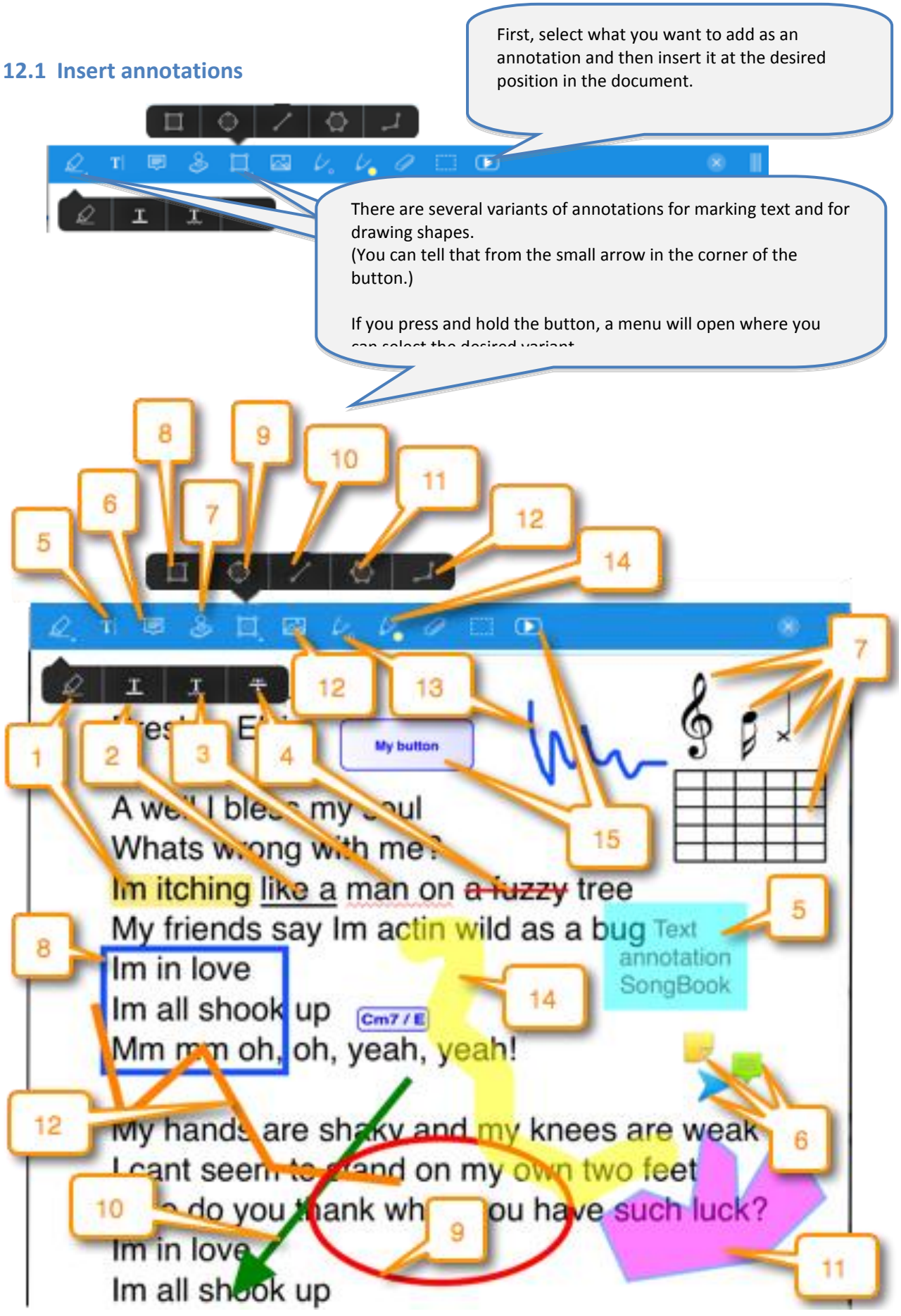

In the document display, first press the "..." button, then select "Page / Finger pointer" and finally press "Record finger pointer".
Play
Auto play
Move starting point
Record
Page / Finger pointer
Zoom
Save zoom setting
Other
Edit Song
Record
Record page turns
Record finger pointer
Record finger pointer
Press the record button below to start recording the finger pointer.
(To cancel tap outside of this window.)
Confirm and start recording using this button.
Next song >
Press the "Stop" button to stop recording.
Point with a finger where you want to see later the red dot during playback.
You can define a small offset between your finger and the red dot in the settings.

12 Insert / edit / delete annotations

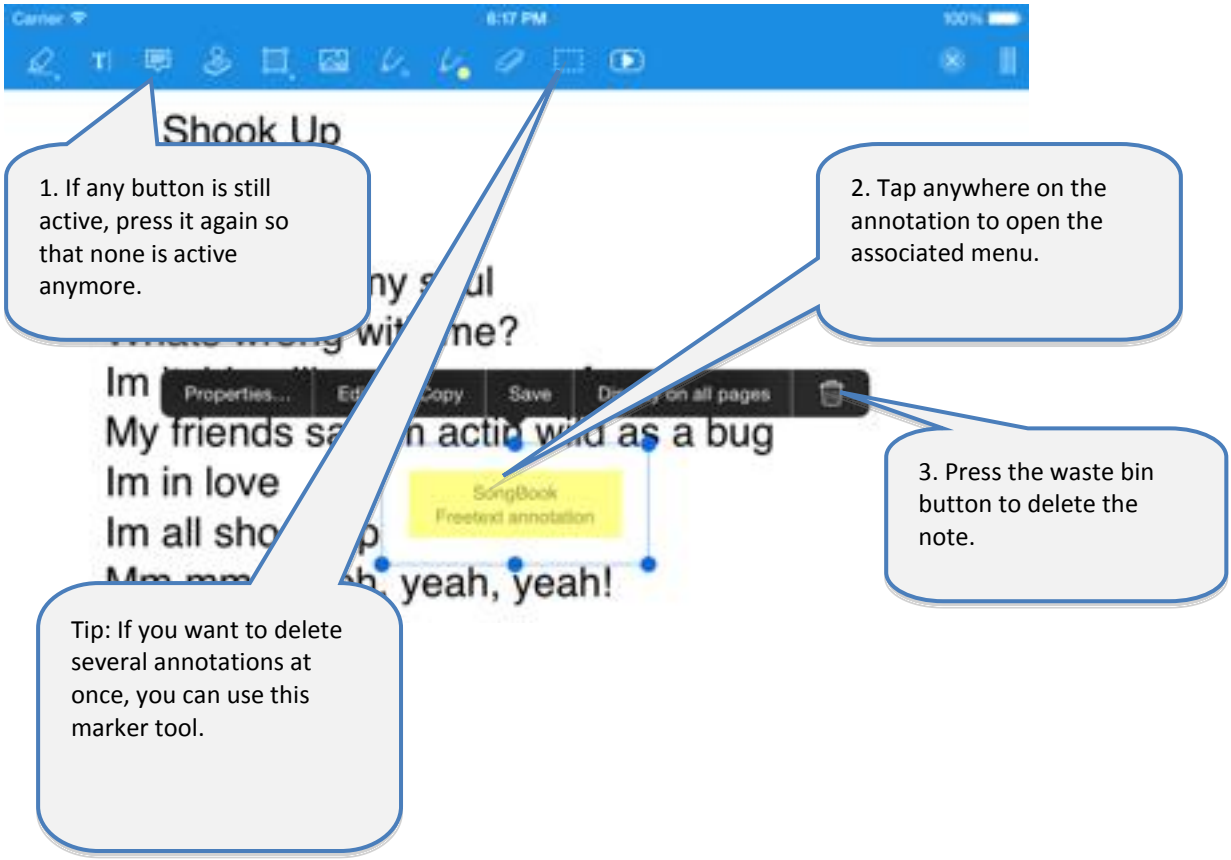
Press "Edit annotations" to begin inserting / editing / deleting annotations.
Play
Auto play
Move starting point
Record
Page / Finger pointer
Zoom
Save zoom setting
Other
Edit Song
Modify annotations


Press "x" to finish editing the annotations.
You can move the toolbar to this bar and up there position it left, right or at the top.
Presley,
Whats wrong with me?
Im in love
My friends say Im actin wild
Mm mm
oh, oh, yeah, yeah!

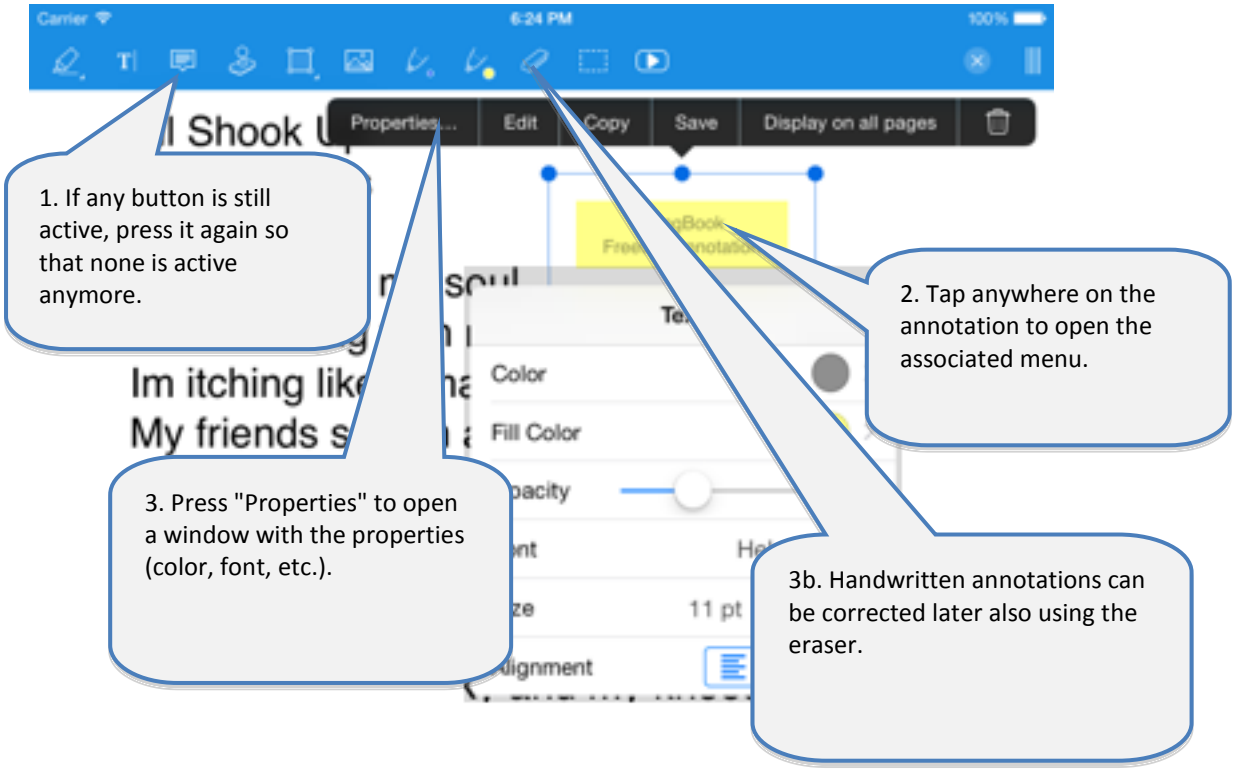
12.1 Insert annotations


First, select what you want to add as an annotation and then insert it at the desired position in the document.
There are several variants of annotations for marking text and for drawing shapes.
(You can tell that from the small arrow in the corner of the button.)
If you press and hold the button, a menu will open where you
My button
Text annotation SongBook
Cm7 / E
Im itching like a man on a fuzzy tree
My friends say Im actin wild as a bug
Im in love
Im all shook up
Mm mm oh, oh, yeah, yeah!
My hands are shaky and my knees are weak
I cant seem to stand on my own two feet
Im in love
Im all shook up

12.2 Delete annotations

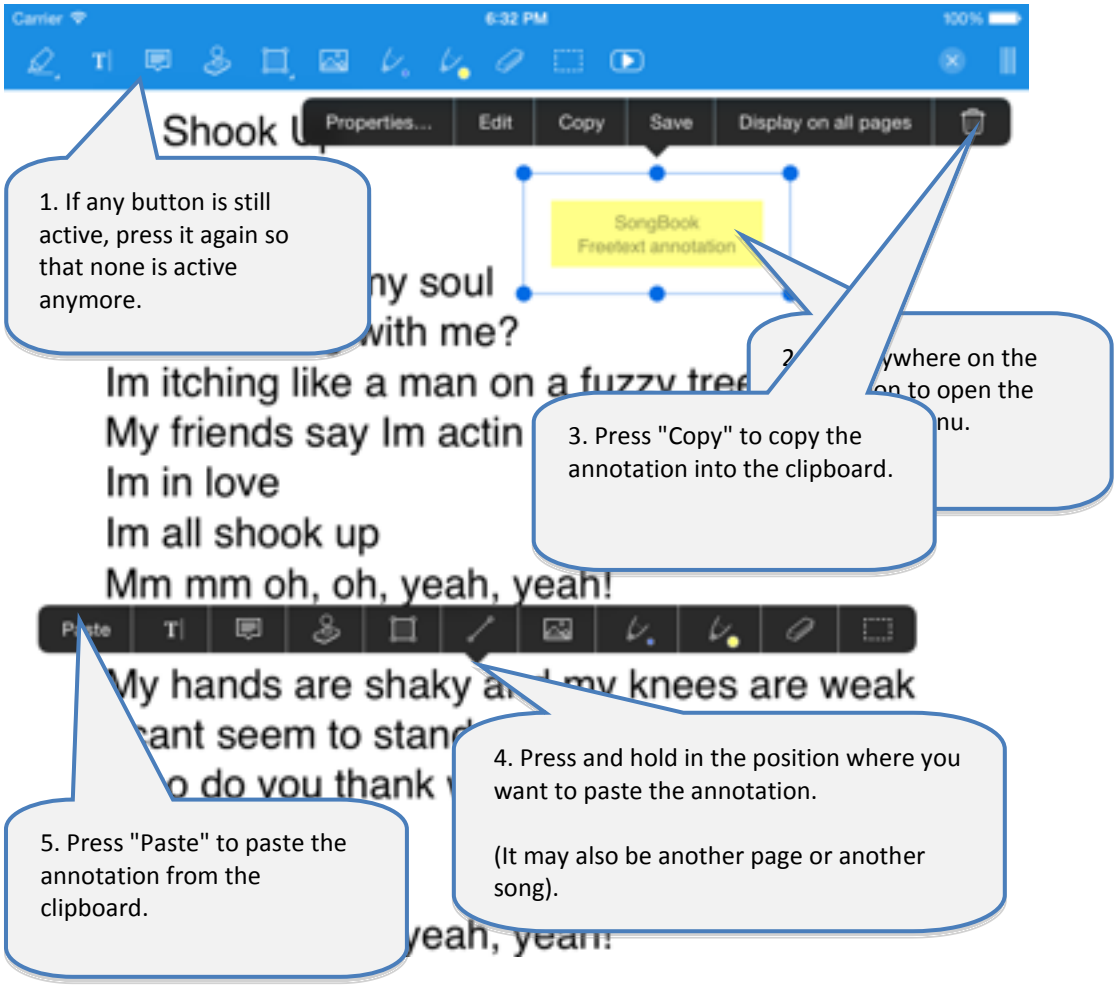

1. If any button is still active, press it again so that none is active anymore.
2. Tap anywhere on the annotation to open the associated menu.
3. Press the waste bin button to delete the note.
Tip: If you want to delete several annotations at once, you can use this marker tool.
Properties...
Copy
Save
SongBook
Freetext annotation
yeah, yeah!

12.3 Edit annotations

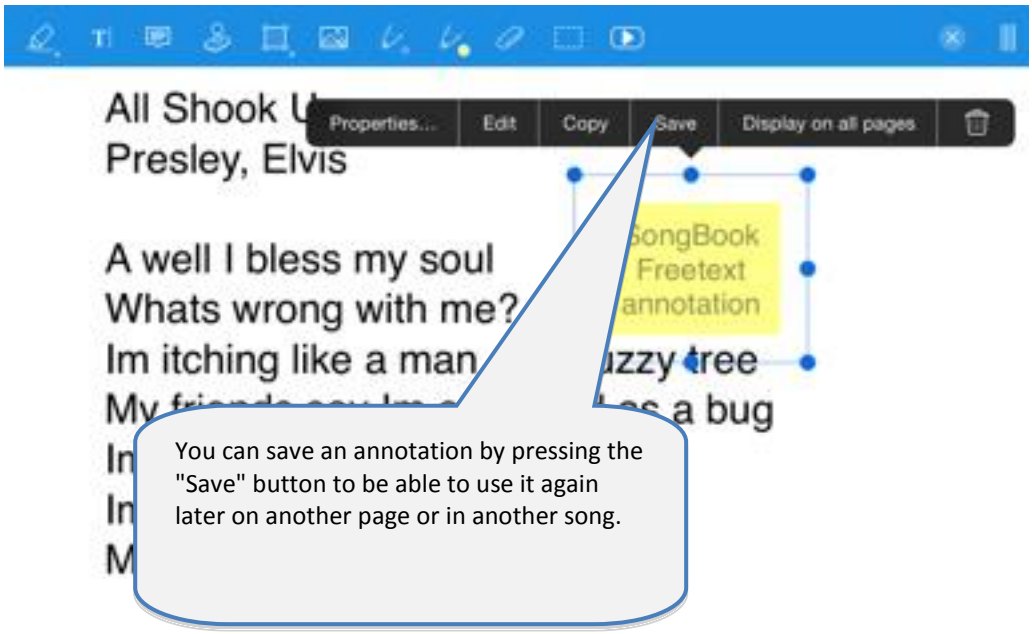

1. If any button is still active, press it again so that none is active anymore.
2. Tap anywhere on the annotation to open the associated menu.
3. Press "Properties" to open a window with the properties (color, font, etc.).
3b. Handwritten annotations can be corrected later also using the eraser.
Properties...
Edit
Copy
Save
Display on all pages
Color
Fill Color
11 pt

Tip for chord annotations:
If you adjust a chord annotation this way (color, size, etc.), make sure that all other chord annotations in the same song look the same.

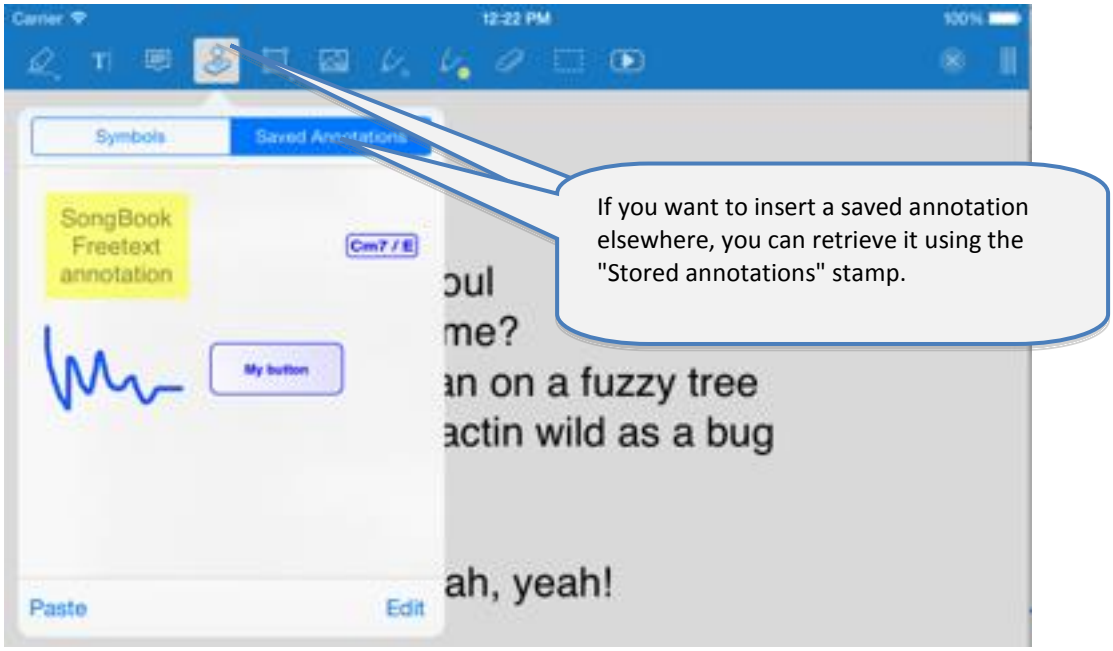
12.4 Copy annotations


Properties...
Edit
Copy
Save
Display on all pages
SongBook
Freetext annotation
1. If any button is still active, press it again so that none is active anymore.
3. Press "Copy" to copy the annotation into the clipboard.
4. Press and hold in the position where you want to paste the annotation.
(It may also be another page or another song).
5. Press "Paste" to paste the annotation from the clipboard.

12.5 Save frequently used annotations


Properties...
Edit
Copy
Save
Display on all pages
Presley, Elvis
A well I bless my soul
Whats wrong with me?
Im itching like a man
SongBook
Freetext
annotation
You can save an annotation by pressing the "Save" button to be able to use it again later on another page or in another song.

12.6 Use saved annotations again

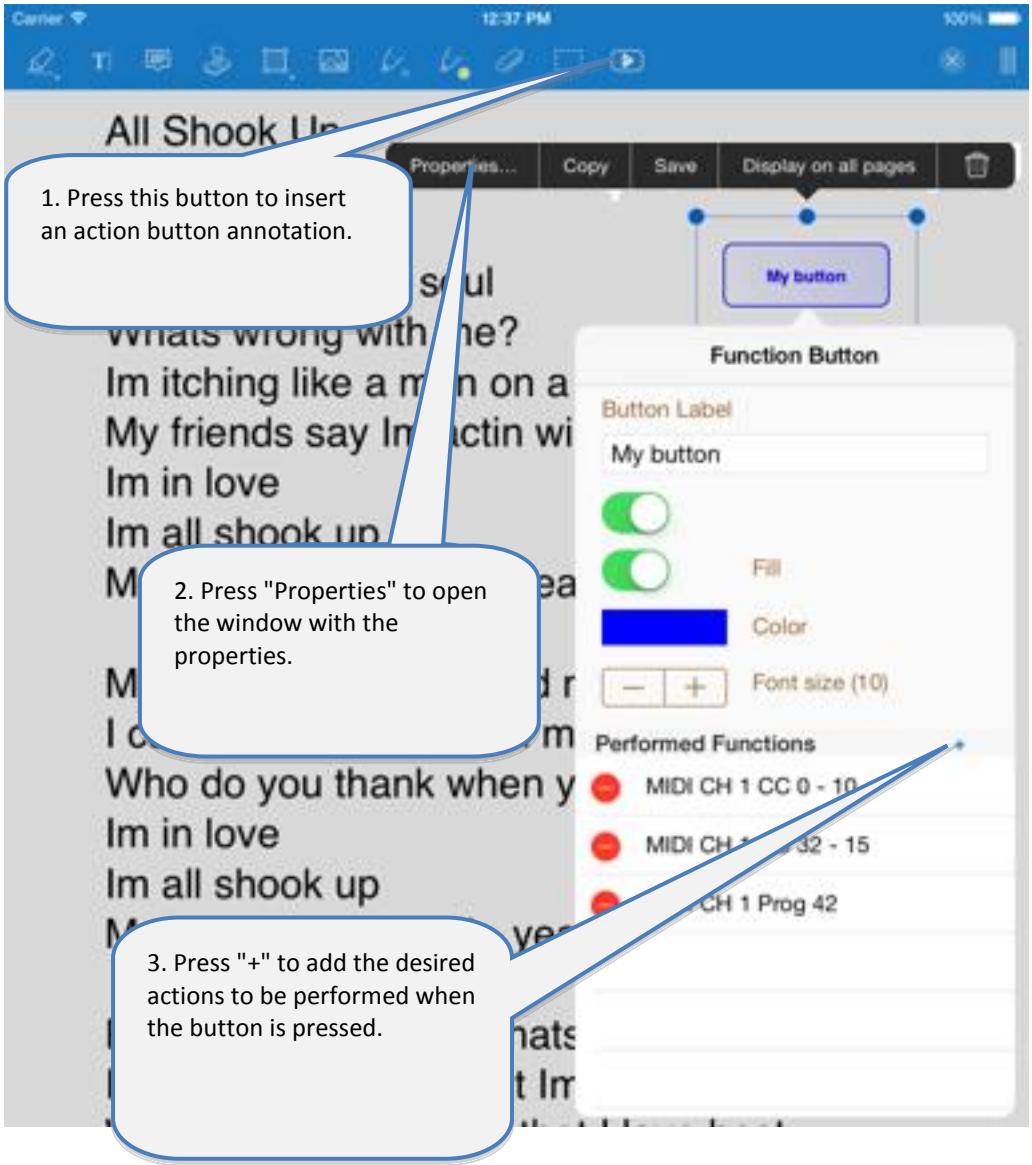


12.7 Action button annotations

Action button annotation is a very special annotation.

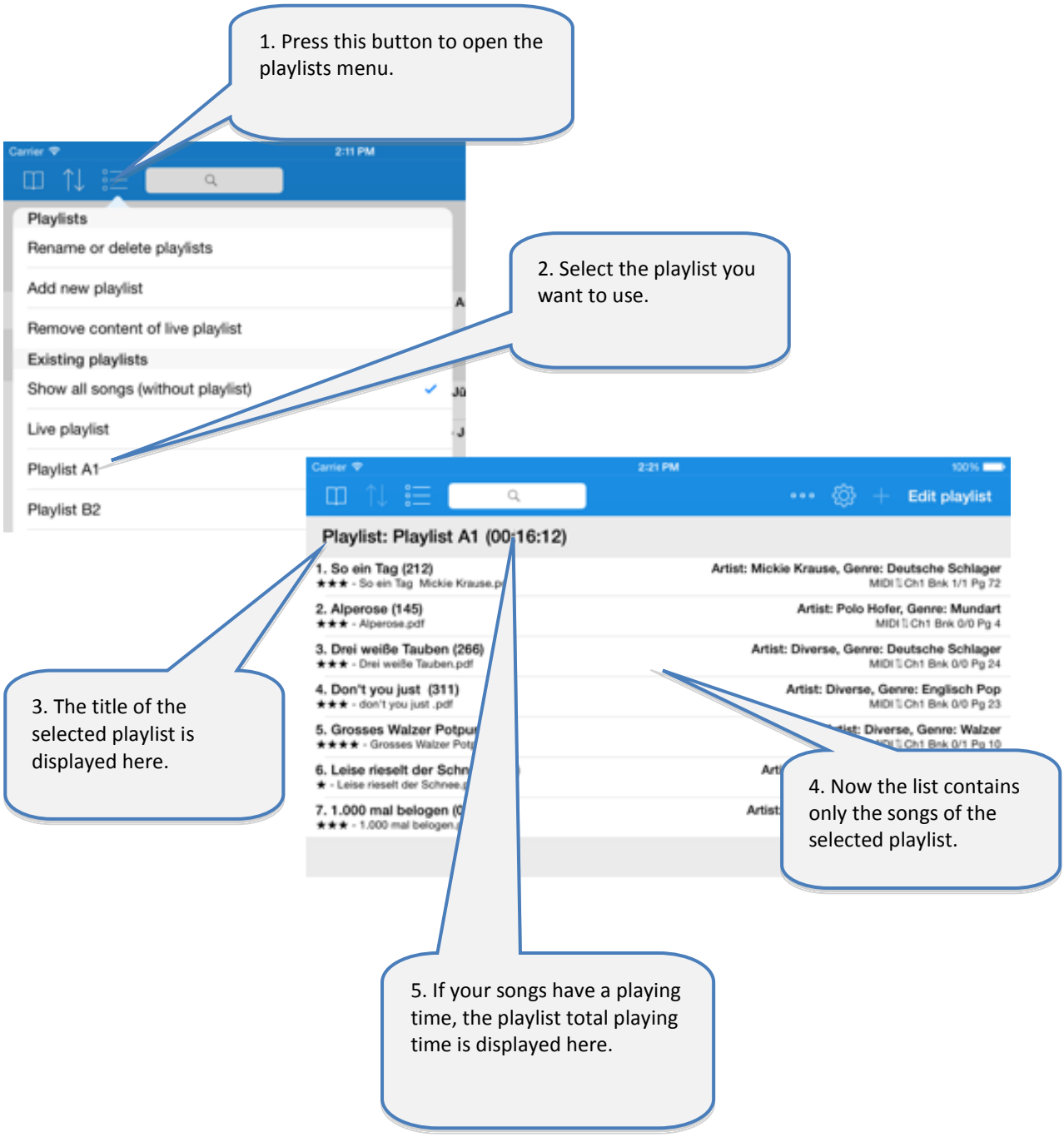
Using this feature you can insert a button anywhere in the document and configure different actions to be performed when it's tapped.

Available functions include sending of various MIDI commands, jumping to a different page, starting or stopping playback, scrolling or launching the metronome, etc.


1. Press this button to insert an action button annotation.
2. Press "Properties" to open the window with the properties.
3. Press "+" to add the desired actions to be performed when the button is pressed.
Properties...
Copy
Save
Display on all pages
My button
Function Button
Button Label
My button
Fill
Color
Font size (10)
Performed Functions
MIDI CH 1 CC 0 - 10
Who do you thank when y
Im in love
Im all shook up

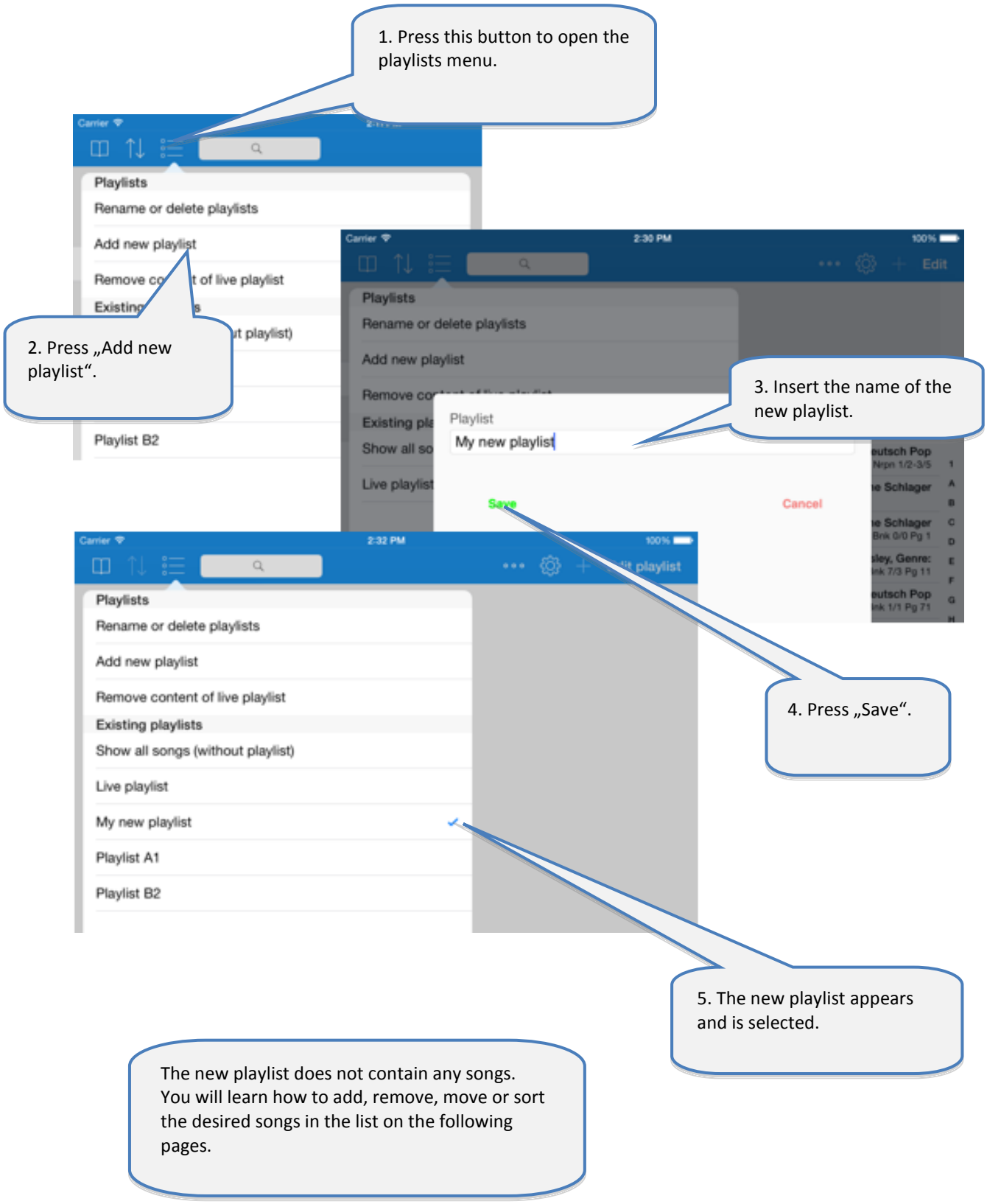
13 Use playlists

13.1 Select an existing playlist


1. Press this button to open the playlists menu.
2. Select the playlist you want to use.
3. The title of the selected playlist is displayed here.
4. Now the list contains only the songs of the selected playlist.
5. If your songs have a playing time, the playlist total playing time is displayed here.
Playlists
Rename or delete playlists
Add new playlist
Remove content of live playlist
Existing playlists
Show all songs (without playlist)
Live playlist
Playlist A1
Playlist B2
Edit playlist
Playlist: Playlist A1 (00:16:12)
1. So ein Tag (212)
2. Alperose (145)
3. Drei weiße Tauben (266)
4. Don't you just (311)
5. Grosses Walzer Potpu
6. Leise rieselt der Schn
7. 1.000 mal belogen (0
Artist: Mickie Krause, Genre: Deutsche Schlager
Artist: Polo Hofer, Genre: Mundart
Artist: Diverse, Genre: Deutsche Schlager
Artist: Diverse, Genre: Englisch Pop

Attention:
If a playlist is selected, the „Edit“ button is no longer used to edit the songs but to edit the content of the playlist!

13.2 Add a new playlist

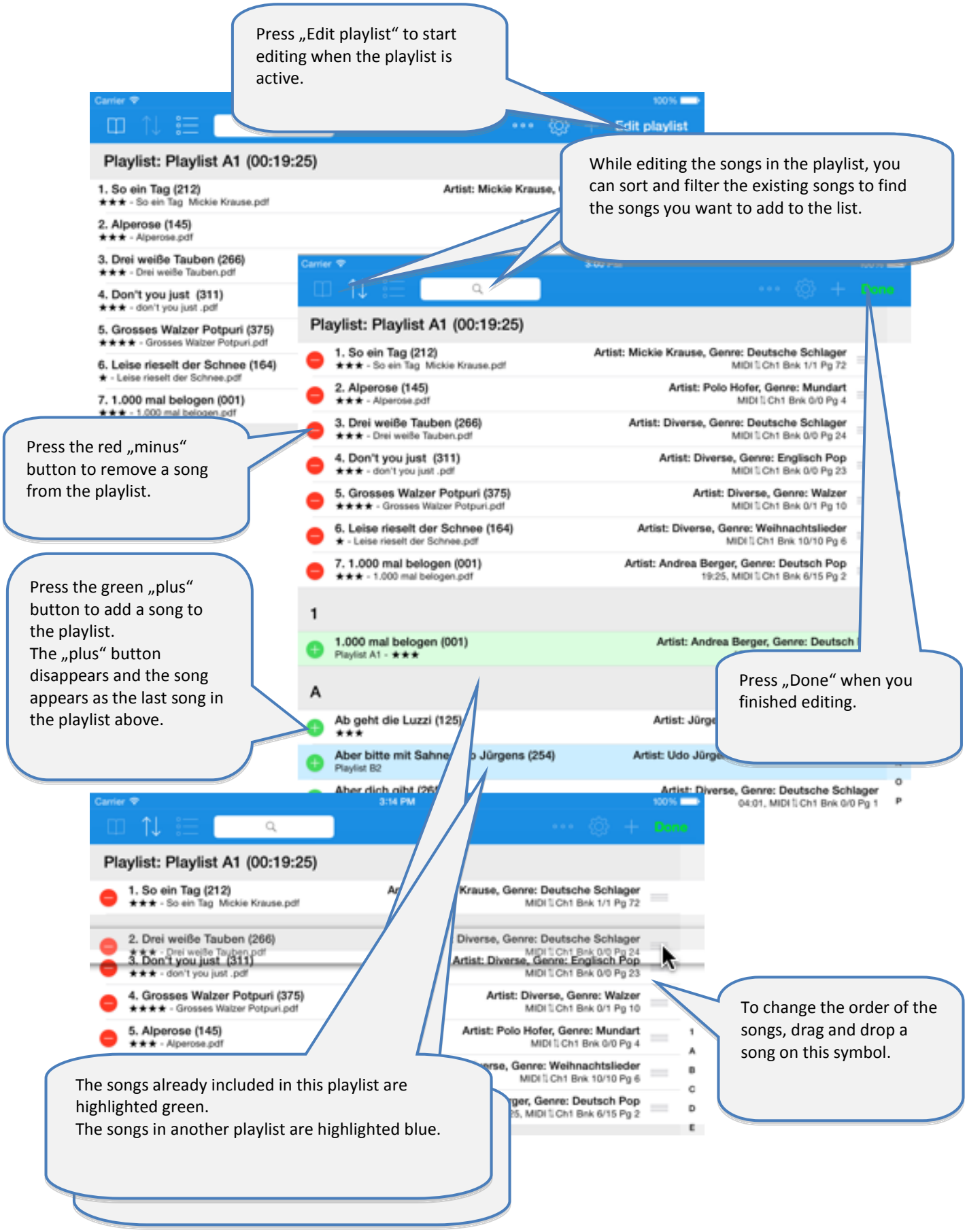


The new playlist does not contain any songs. You will learn how to add, remove, move or sort the desired songs in the list on the following pages.

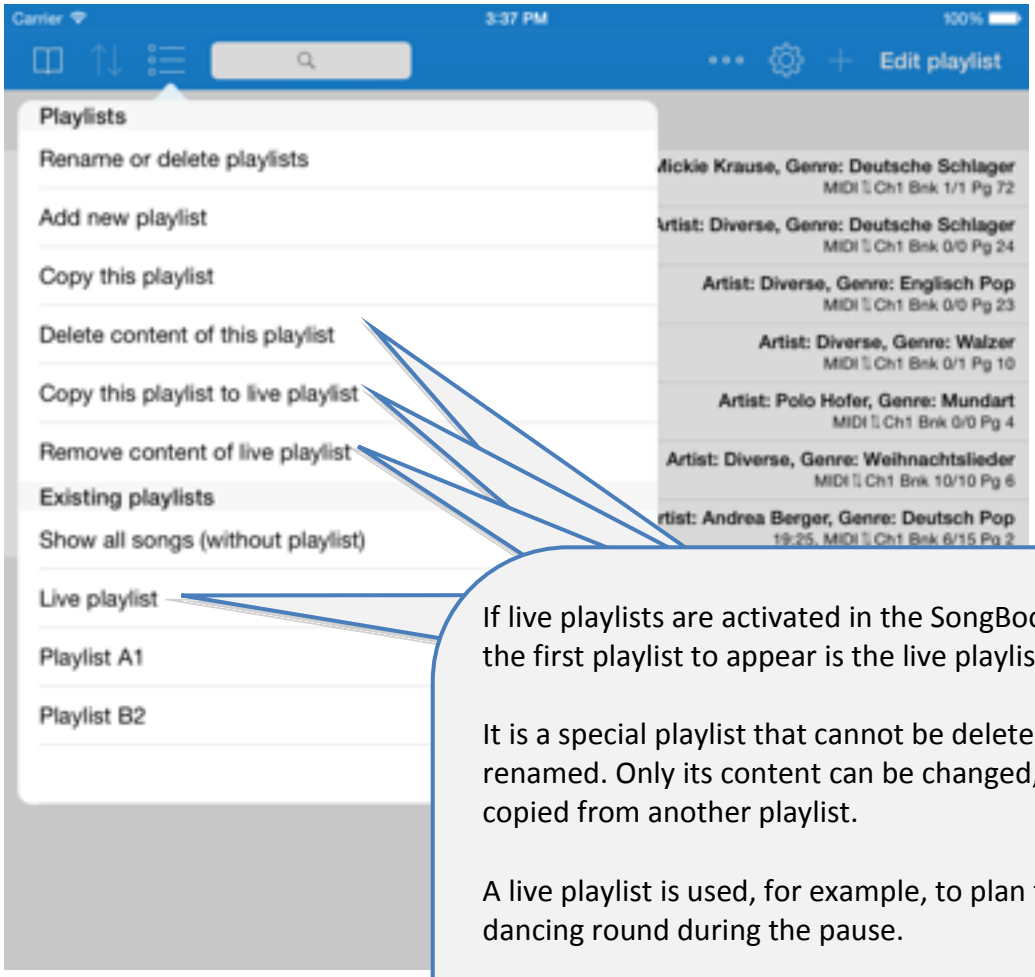
13.3 Rename or delete playlists

1. Press this button to open the playlists menu.
2. Press „Rename or delete playlists“.
3a. To delete an existing playlist press the red button.
3b. To rename an existing playlist, tap the playlist, then edit the name and press „Save“.
4. When finished, press „End rename or delete“.
Playlists
Rename or delete playlists
Add new playlist
Remove content of live playlist
Existing playlists
Show all songs (without playlist)
Live playlist
End rename or delete
Edit
Playlist A1
Playlist
Save
Cancel

13.4 Edit the content of the playlist


Press „Edit playlist“ to start editing when the playlist is active.
While editing the songs in the playlist, you can sort and filter the existing songs to find the songs you want to add to the list.
Press the red „minus“ button to remove a song from the playlist.
Press the green „plus“ button to add a song to the playlist.
The „plus“ button disappears and the song appears as the last song in the playlist above.
Press „Done“ when you finished editing.
To change the order of the songs, drag and drop a song on this symbol.
The songs already included in this playlist are highlighted green.
The songs in another playlist are highlighted blue.
Edit playlist
Done
Playlist: Playlist A1 (00:19:25)
1. So ein Tag (212)
2. Alperose (145)
3. Drei weiße Tauben (266)
4. Don't you just (311)
5. Grosses Walzer Potpuri (375)
6. Leise rieselt der Schnee (164)
7. 1.000 mal belogen (001)
1
A
Ab geht die Luzzi (125)
Aber bitte mit Sahne
Playlist B2

13.5 Live playlists


Carrier
3:37 PM
100%
Edit playlist
Playlists
Rename or delete playlists
Add new playlist
Copy this playlist
Delete content of this playlist
Copy this playlist to live playlist
Remove content of live playlist
Existing playlists
Show all songs (without playlist)
Live playlist
Playlist A1
Playlist B2
Mickie Krause, Genre: Deutsche Schlager
MIDI Ch1 Bnk 1/1 Pg 72
Artist: Diverse, Genre: Deutsche Schlager
MIDI Ch1 Bnk 0/0 Pg 24
Artist: Diverse, Genre: Englisch Pop
MIDI Ch1 Bnk 0/0 Pg 23
Artist: Diverse, Genre: Walzer
MIDI Ch1 Bnk 0/1 Pg 10
Artist: Polo Hofer, Genre: Mundart
MIDI Ch1 Bnk 0/0 Pg 4
Artist: Diverse, Genre: Weihnachtslieder
MIDI Ch1 Bnk 10/10 Pg 6
Artist: Andrea Berger, Genre: Deutsch Pop
MIDI Ch1 Bnk 6/15 Pg 2

If live playlists are activated in the SongBook+ settings, the first playlist to appear is the live playlist.

It is a special playlist that cannot be deleted or renamed. Only its content can be changed, deleted or copied from another playlist.

A live playlist is used, for example, to plan the next dancing round during the pause.

If SongBook+ is configured for synchronous changeover of songs on multiple iPads, the live playlist can also be automatically synchronized to the other iPads in the same way.

14 Import files from mail or other applications

You can import PDF, music or video files from all other apps that allow creating or downloading such files and support an “Open in…” feature to pass the PDF to another app.

The following picture shows as sample how to import a PDF from an email attachment:

Note:
If SongBook is already running in the background, it should appear in the normal list view, and not display a song already or show a dialog box!
1. Press and hold the PDF for a long time, until a popup appears. Select “Open in SongBook”.
2. SongBook+ is opened. If necessary, change the file name and press “Import”.
3. The imported file appears in the “Unused Files” section.
Songtext Banküberfall
16. August 2015 16:38
Banküberfall
PDF-Datei importieren
Dateinamen ändern
Bankueberfall.pdf
Import
Abbrechen

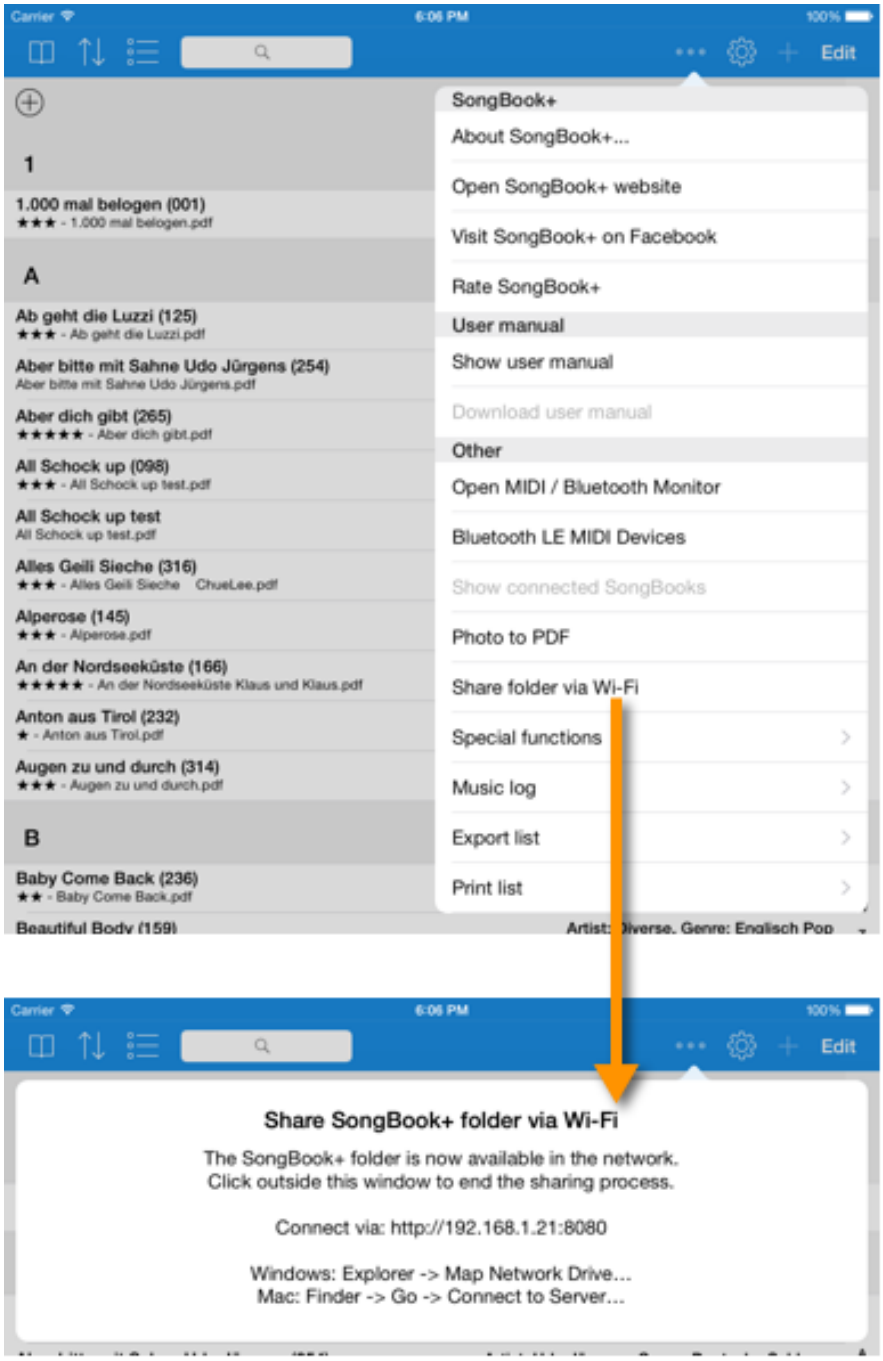
15 Share songs or files (export)

Using the "Share songs" feature, the whole song (.sbk) or single files as well (.pdf, .mp3, .mid, ...) can be:

- used as an attachment in an email
- transferred directly to another app (e.g., Dropbox, iBooks, ...)
- transferred to another Songbook in the range

16 Share SongBook folder via Wi-Fi

You can temporarily share the SongBook+ folder via Wi-Fi and then wirelessly access it from a computer without iTunes on it.



Note:
The method can also be used to make a backup of the database file (SongBookMidi.sqlite). However, it is impossible to copy the database file back to the iPad!
For more information on data backup and recovery, see chapter Error! Reference source not ound..

17 Import lyrics and chords

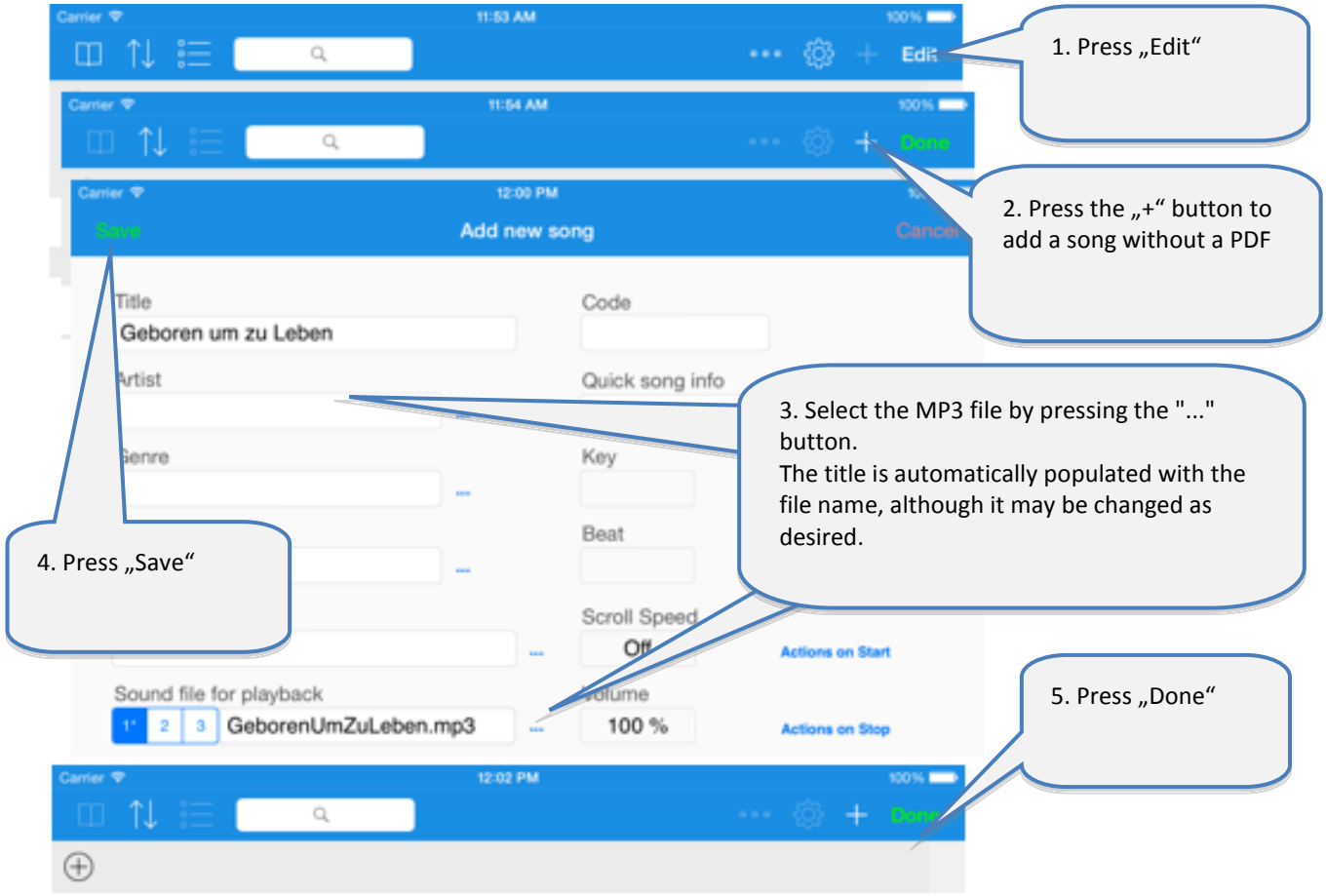
SongBook+ can import lyrics and chords from MP3 files, Midi files, LRC files and ChordPro files.

17.1 Import song lyrics and chords from MP3 files

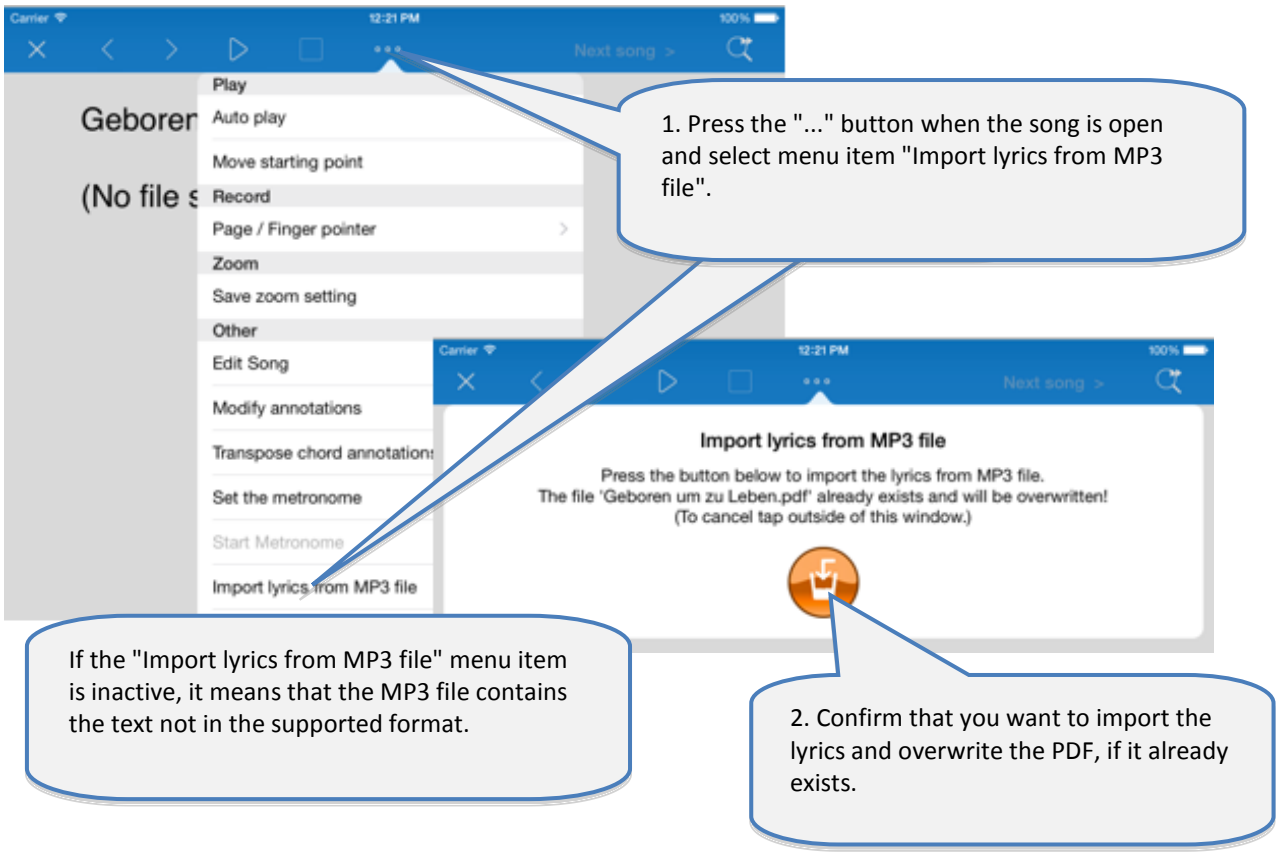
SongBook+ can import texts from MP3 files if they are included in the ID3 tag in the "Lyrics3 v2.00" format.
Chords can also be imported from MP3 files, if they are included in the lyrics in square brackets (similar to ChordPro format).

The import of lyrics from MP3 files is carried out in two steps:
First, it is necessary to create a song used by the MP3 file.
After that, you need to open the song and the import will start. The missing PDF file is then generated automatically.

17.1.1 Add a song without PDF and select MP3



17.1.2 Create PDF from lyrics in MP3


Play
Auto play
Move starting point
Record
Page / Finger pointer
Zoom
Save zoom setting
Other
Edit Song
Modify annotations
Transpose chord annotations
Set the metronome
Start Metronome
Import lyrics from MP3 file
1. Press the "..." button when the song is open and select menu item "Import lyrics from MP3 file".
Import lyrics from MP3 file
Press the button below to import the lyrics from MP3 file.
The file 'Geboren um zu Leben.pdf' already exists and will be overwritten!
(To cancel tap outside of this window.)
If the "Import lyrics from MP3 file" menu item is inactive, it means that the MP3 file contains the text not in the supported format.
2. Confirm that you want to import the lyrics and overwrite the PDF, if it already exists.

17.2 Import song lyrics and chords from MIDI files

The import of lyrics from MIDI files works just as described for MP3 files above.
The only difference is that there is an own box for the selection of each MIDI file
.

17.3 Import song lyrics and chords from LRC files

The import of lyrics from LRC files works in a similar way as described for MP3 files above. However, the LRC is not directly selected in the song. SongBook+ is rather searching for a file with the LRC extension which either has the same name as the lyrics or the assigned MP3 or MIDI file.

17.4 Import song lyrics and chords from ChordPro files

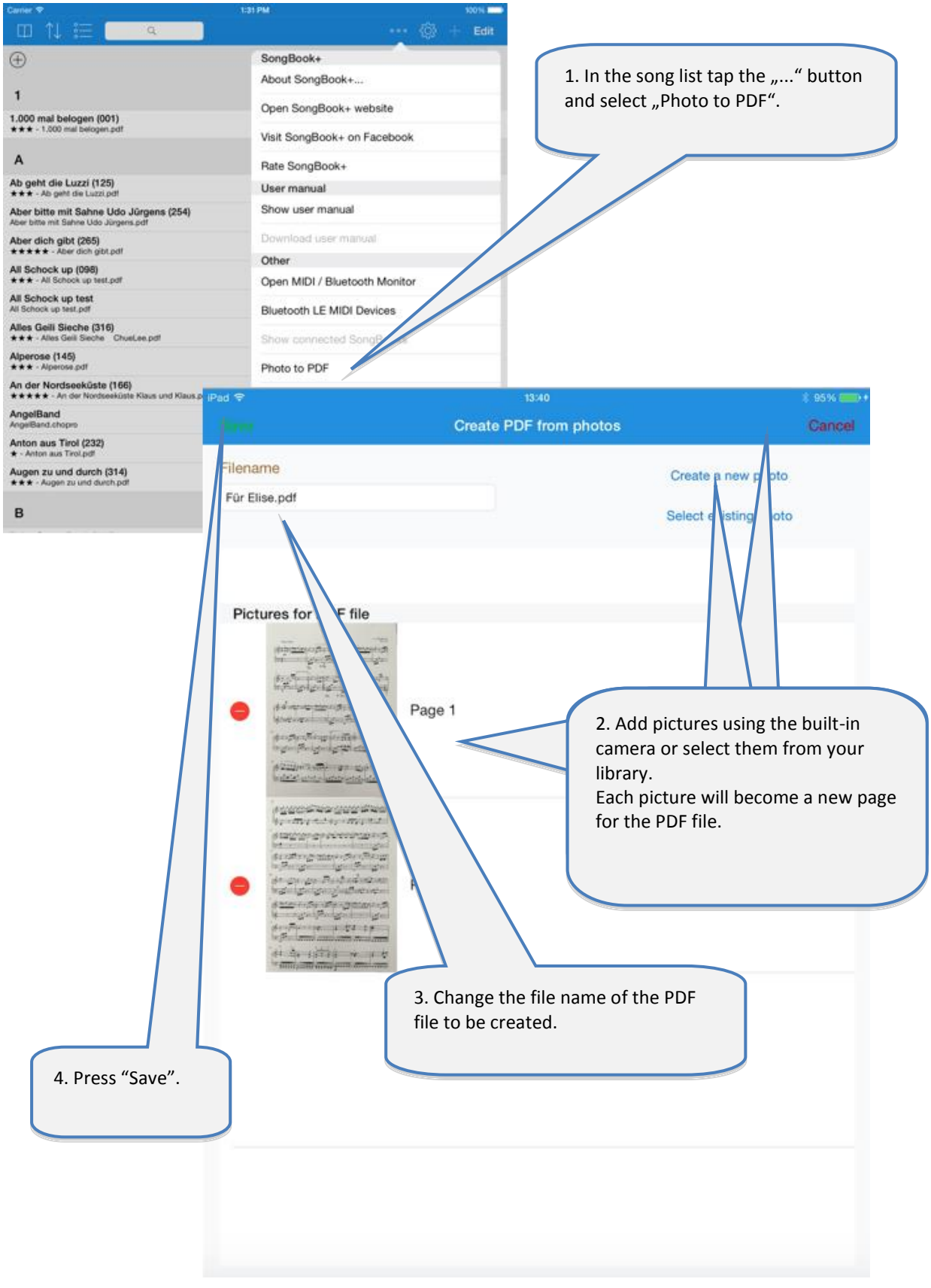
Firstly, ChordPro files are entered in SongBook as usual text files or PDF files. After opening, indicate the unformatted original content of ChordPro file.
Using the "Import ChordPro file" menu item, it can be imported similar to MP3 files. The PDF file is generated then.

18 Transpose chords

Chord symbols inserted using the annotation feature (see page 14) or imported from Midi/LRC/ChordPro (see page 29), can be transposed later.

Tip:
You can also subsequently change the appearance of chord notes (color, size, etc.). If you customize only one of the chord notes in a song, all other notes in the same song take over the same look.

19 Scan lyrics on paper with built-in camera


1. In the song list tap the „...“ button and select „Photo to PDF“.
SongBook+
About SongBook+...
Open SongBook+ website
Visit SongBook+ on Facebook
Rate SongBook+
User manual
Show user manual
Other
Open MIDI / Bluetooth Monitor
Bluetooth LE MIDI Devices
Photo to PDF
Edit
Create PDF from photos
Cancel
Filename
Für Elise.pdf
Page 1
2. Add pictures using the built-in camera or select them from your library.
Each picture will become a new page for the PDF file.
3. Change the file name of the PDF file to be created.
4. Press “Save”.

20 Use the MIDI features

20.1 Connecting iPad to MIDI

There are several ways to connect the iPad with MIDI.

20.1.1 MIDI adapter and devices with USB MIDI interface

Many MIDI adapters and some devices (keyboards, etc.) have a USB interface for MIDI. Since the iPad innately has no USB port, it an adapter to extend the iPad with a USB interface. Apple calls these adapters "iPad Camera Connection Kit".
Then, USB MIDI adapters and USB MIDI devices can be connected if they are compatible with Apple.

Attention: With the USB adapter connected, the iPad cannot be supplied with power at the same time!

If the MIDI adapter (or the USB MIDI device) itself has no power supply, it even consumes the power to operate from the battery of the iPad, which can result in a short battery life or even an unreliable MIDI connection.
To prevent this, it is additionally advisable to use an active USB hub with power supply.

20.1.2 MIDI adapter directly connected to the iPad

Some MIDI adapters can connect to the iPad directly.

Some examples of those are:

- iConnectMIDI2+ by iConnectivity
- iRig MIDI Version 1+2 by IK Multimedia
- ioDock by Alesis
- iStudio is202 by Behringer
- ...

Using these adapters, the iPad can be partially supplied with power in MIDI operation (all the above except iRig MIDI version 2).

Also, there is anumber of simple, small MIDI keyboards that can be connected directly to the iPad.

20.1.3 Wirelessly via Bluetooth or WLAN

In the meantime, there are even wireless MIDI adapters that use Radio communication like Bluetooth or WLAN to connect to the iPad.

Some examples of those are:

- mi.1 by QuiccoSound (Bluetooth)
- PUC wireless MIDI interface (WLAN)
- Yamaha Tyros 5 keyboard with WLAN stick

20.2 Playing back MIDI files

SongBook+ is able to play back normal MIDI files, but it does not have an integrated synthesizer to create sounds from.

In order to generate sounds from the MIDI files, an additional external hardware connected via MIDI (such as a keyboard or an expander) or a third-party synthesizer app is required, running in the background and receiving the signals from SongBook.

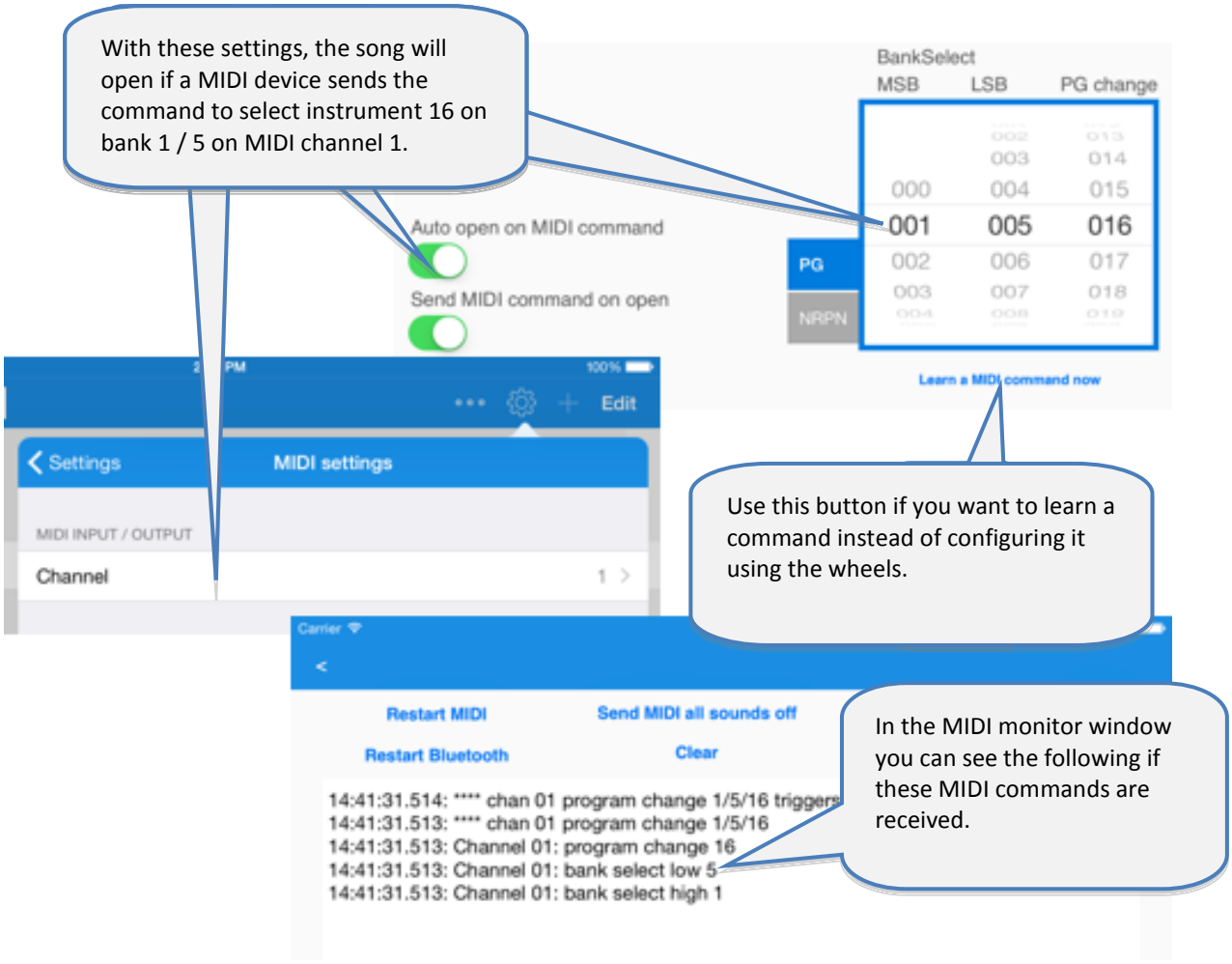
„bismark bs-16i “ is an app that can be used to generate sounds directly on the iPad. If this app is running in the background with „Virtual MIDI“ activated, you can listen to the music directly on the iPad, without any external hardware.

20.3 Open song text on incoming MIDI commands

SongBook+ kann auf der MIDI Schnittstelle auf *ProgramChange* Befehle hören und dann
SongBook+ can listen for ProgramChange commands on the MIDI interface and then open a song. These commands normally select an instrument.

A typical use of this feature is that ProgramChange commands are sent from within a MIDI style, from within a played MIDI file, or from the keyboard when a registration was selected. SongBook+ then opens the corresponding song text. (A MIDI style can resend the same ProgramChange over and over again while looping; this will not lead to a problem.)

SongBook+ opens a song text, if it received BankSelect commands and a ProgramChange command as configured in the „Edit song detail“ window.
Please note that SongBook+ uses values from 0 to 127. If your keyboard uses numbers from 1 to 128 instead, you must subtract 1 to get the value to configure in SongBook+.



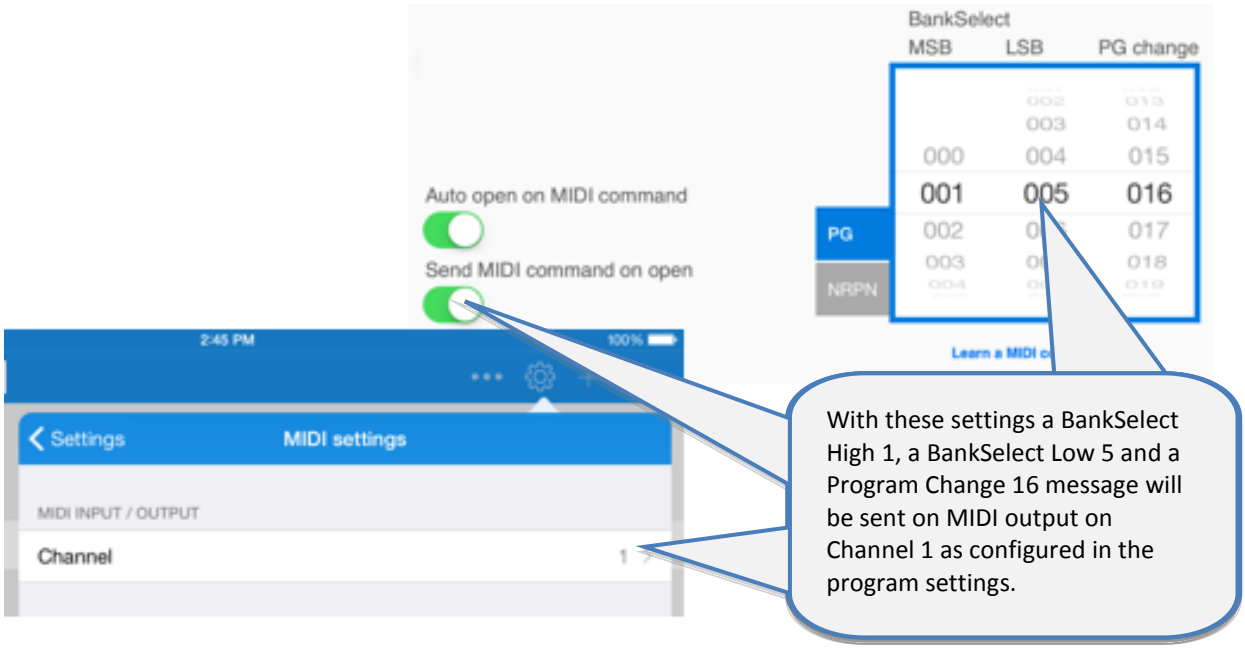
Please use the built-in MIDI monitor to find out what is actually received by the MIDI interface if it doesn’t work as expected.

20.4 Send MIDI commands when song text is opened

You can also enable SongBook to send MIDI commands when you open a song text.
A typical use of this feature is to configure external devices like a keyboard upon selecting a song.
There are different ways to send MIDI commands:

20.4.1 Send the configured BankSelect/ProgramChange commands

SongBook+ sends the BankSelect and ProgramChange commands as configured in the „Edit song detail“ window, if the switch „Send MIDI command on open“ is set to on.
The MIDI channel that SongBook+ is sending these commands on is the same as configured for the MIDI input.



20.4.2 Send the contents of a MIDI file upon opening the song

SongBook sends the contents of a MIDI file upon opening the song, if a .mid file with exactly the same file name as the .pdf file extended with "_open.mid" exists.

(i.e. MySong.pdf MySong_open.mid)

Only MIDI files of type 0 (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment

20.4.3 Send other configurable MIDI commands

Using the "Actions upon opening" button in the editing window of the song, you can define optional MIDI commands to be sent upon opening the song.

20.5 Send MIDI commands when the song is started

20.5.1 Send the contents of a MIDI file upon starting the song

SongBook sends the contents of a MIDI file upon *starting* the song, if a .mid file with the same file name as the .pdf file extended with "_start.mid" exists.

(i.e. MySong.pdf → MySong_start.mid)

Only MIDI files of type 0 (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment.

20.5.2 Send MIDI Start when the song was started

You can configure in the settings, if SongBook should send MIDI Start upon starting the song.

20.5.3 Send other configurable MIDI commands

Using the "Actions upon starting" button in the editing window of the song, you can define optional MIDI commands to be sent upon starting the song.

20.6 Send MIDI commands when the song is stopped

20.6.1 Send the contents of a MIDI file upon stopping the song

SongBook sends the contents of a MIDI file upon *stopping* the song, if a .mid file with the same file name as the .pdf file extended with "_stop.mid" exists.
(i.e. MySong.pdf → MySong_stop.mid)
Only MIDI files of type 0 (single track) are allowed. All commands are sent at once, timing information is ignored and therefore this feature cannot be used to send music to the MIDI output, but only commands to configure the environment.

20.6.2 Send MIDI Stop when the song was stopped

You can configure in the settings, if SongBook should send MIDI Stop upon stopping the song.

20.6.3 Send other configurable MIDI commands

Using the "Actions upon stopping" button in the editing window of the song, you can define optional MIDI commands to be sent upon stopping the song.

20.7 Send MIDI commands at a button touch

You can also send freely configurable MIDI commands from the song lyrics or musical notes at a single button touch with the help of the special "Action button" annotation.

To learn how you can insert and configure an action button annotation, see chapter **12.7.**

21 Using foot pedals

21.1 20.1 Foot pedals that simulate an external keyboard

SongBook+ supports all foot pedals that are able to simulate an external keyboard and can send one or more of the following keys:

In the application settings you can enable the use of foot pedals and assign the keys to the following actions:

- Do nothing
- Go one page forward/backward
- Press the Start/Stop/Pause/Continue button
- Jump to the next song
- Jump back to the song list
- Open song preselection list
- Start/pause/continue scrolling
- Scroll faster/slower
- Go the whole/half/third/quarter page forward or backward
- Turn automatic playback on/off/toggle
- Start/stop the metronome

In the Midi and Bluetooth monitor you can see which keys your foot pedal is sending.

To use this feature you can use e.g. the following foot pedals:

- BT-105 by Airturn (www.airturn.com) connected via Bluetooth
- PageFlip by Cicada (www.pageflip.com) connected via Bluetooth
- Footime by Bili's (www.bilila.com) connected via USB Camera Adapter

21.2 Foot pedals that send MIDI commands

SongBook+ supports all foot pedals that can send one or more of the following MIDI commands:

- MIDI Start (used by Alesis io Dock pedal 1)
- MIDI Stop (used by Alesis io Dock pedal 2)
- MIDI Pause
- MIDI Continue
- MIDI Control-Change 63 to value (used by Alesis io Dock pedal 2)
- MIDI Control-Changes to an arbitrary value

In the application settings you can enable the use of MIDI foot pedals (*) and assign the keys to the following actions:

- Do nothing
- Go one page forward/backward
- Press the Start/Stop/Pause/Continue button
- Jump to the next song
- Jump back to the song list
- Open song preselection list
- Start/pause/continue scrolling
- Scroll faster/slower
- Go the whole/half/third/quarter page forward or backward
- Turn automatic playback on/off/toggle
- Start/stop the metronome

Remark Alesis io Dock: The Alesis io Dock alternately sends MIDI Start and MIDI Stop on the first foot pedal. If you use this foot pedal you should assign the same action for MIDI Start and MIDI Stop.

Remark on Alesis io Dock 2: Alesis io Dock 2 alternately sends the value 0 or 127 on the controller 14 (first pedal) or 15 (second pedal) with the pedals. If a pedal should always perform the same action each time the pedal is pressed, you need to use two of the freely configurable ControlChanges per pedal in SongBook+, one that responds to the change to 0, and one that responds to the change to 127, and assign the same action to both.

Remark iRig BlueBoard: *The iRig BlueBoard alternately sends ControlChanges on the value 0 or 127. If a button always performs the same action each time it is pressed, you must use two of the optionally configurable ControlChanges per button in SongBook+, one to respond when changing to 0, and another to respond when changing to 127, and assign the same action to both of them.*

In the Midi and Bluetooth monitor you can see which commands your foot pedal is sending.

(*) Of course the MIDI commands do not entirely have to come from a foot pedal. They can be sent by any connected MIDI device.

22 Connecting multiple iPads with SongBook+

You can connect multiple iPads with SongBook+, either via Bluetooth, WLAN, MIDI (cable) or Wireless MIDI (wirelessly).

If you want to use the simple "short-haul connection", select the "Server in short-haul connection" connection mode in "SongBook to SongBook connection" on one device and "Client in short-haul connection" on all the other ones.
Depending on availability, the operating system automatically chooses either Bluetooth or WLAN for connection.
If you want to force a more reliable WLAN connection, you can turn Bluetooth off completely in the general settings of the iPad.

If you want to establish a MIDI connection (wireless or wired MIDI), select option "MIDI connection" as the connection mode in "SongBook to SongBook connection" on all devices. For wireless MIDI, you additionally need to configure one MIDI device as a wireless MIDI Server and the other one as a wireless MIDI client in the settings.

After this has been done, the following actions can be synchronized between SongBooks:

- Selecting a song
- Preselecting a song
- Scrolling:
- Start button
- Stop button
- Live playlist

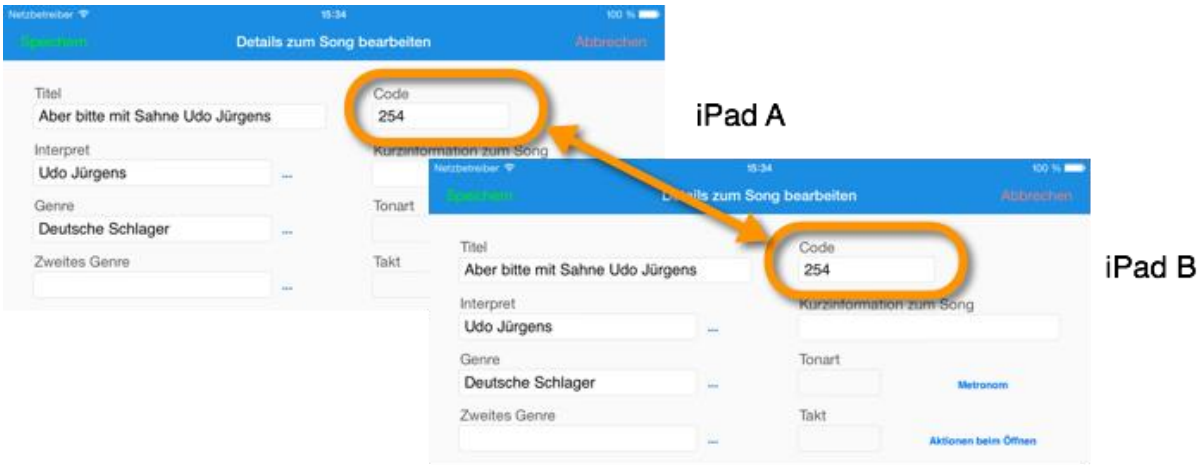
If you want to build multiple SongBook groups using short-haul connection or protect yourself against connections from external SongBooks, you can set a common connection key.

The devices connect automatically when you start SongBook+ if the feature is activated in the settings.

There are 2 methods to link the two associated songs on the various iPads via the code or the MIDI information of the song.
Select the sync method to be used in the settings of „SongBook to SongBook connection“ as „Key field for synchronization “.

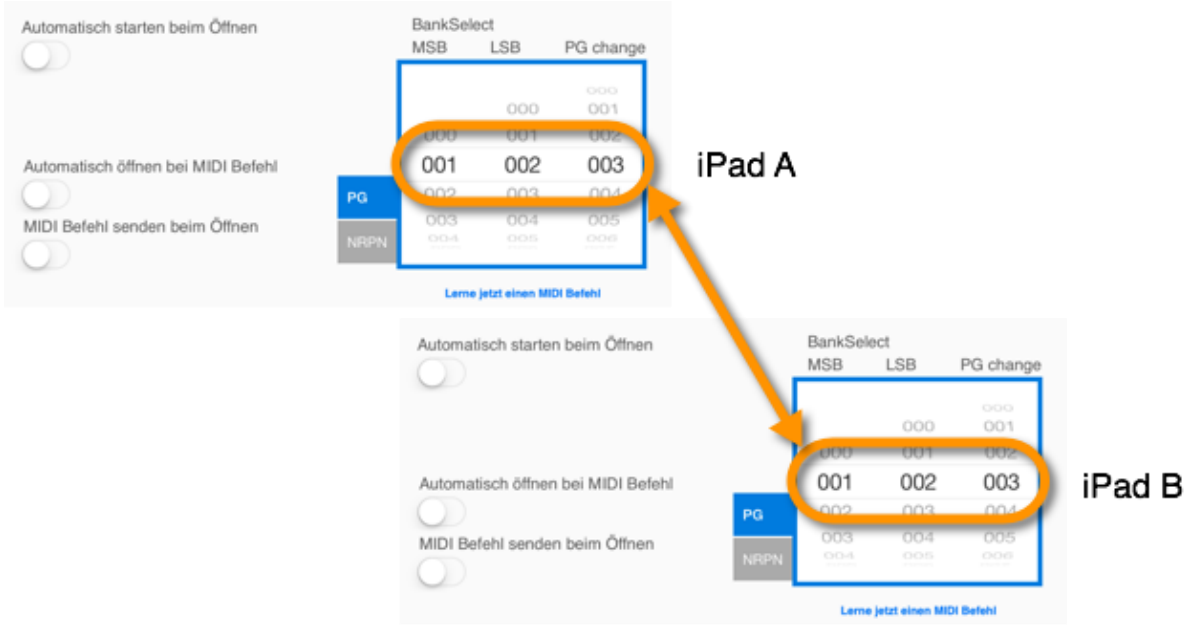
22.1 Synchronizing via code

From SongBook+ version 2.1, there is a new method available to provide an easier option to synchronously open songs on multiple devices. The content of the song's box „Code“ is sent to the other iPads and a song with the same code is searched there.



22.2 Synchronizing via MIDI information

If you already use SongBook+ as remote control via MIDI with a keyboard or another external device, you can use the same MIDI settings to sync with other iPads. The 3 digits from the MIDI settings are sent to the other iPads and a song with the same 3 digits is searched there.

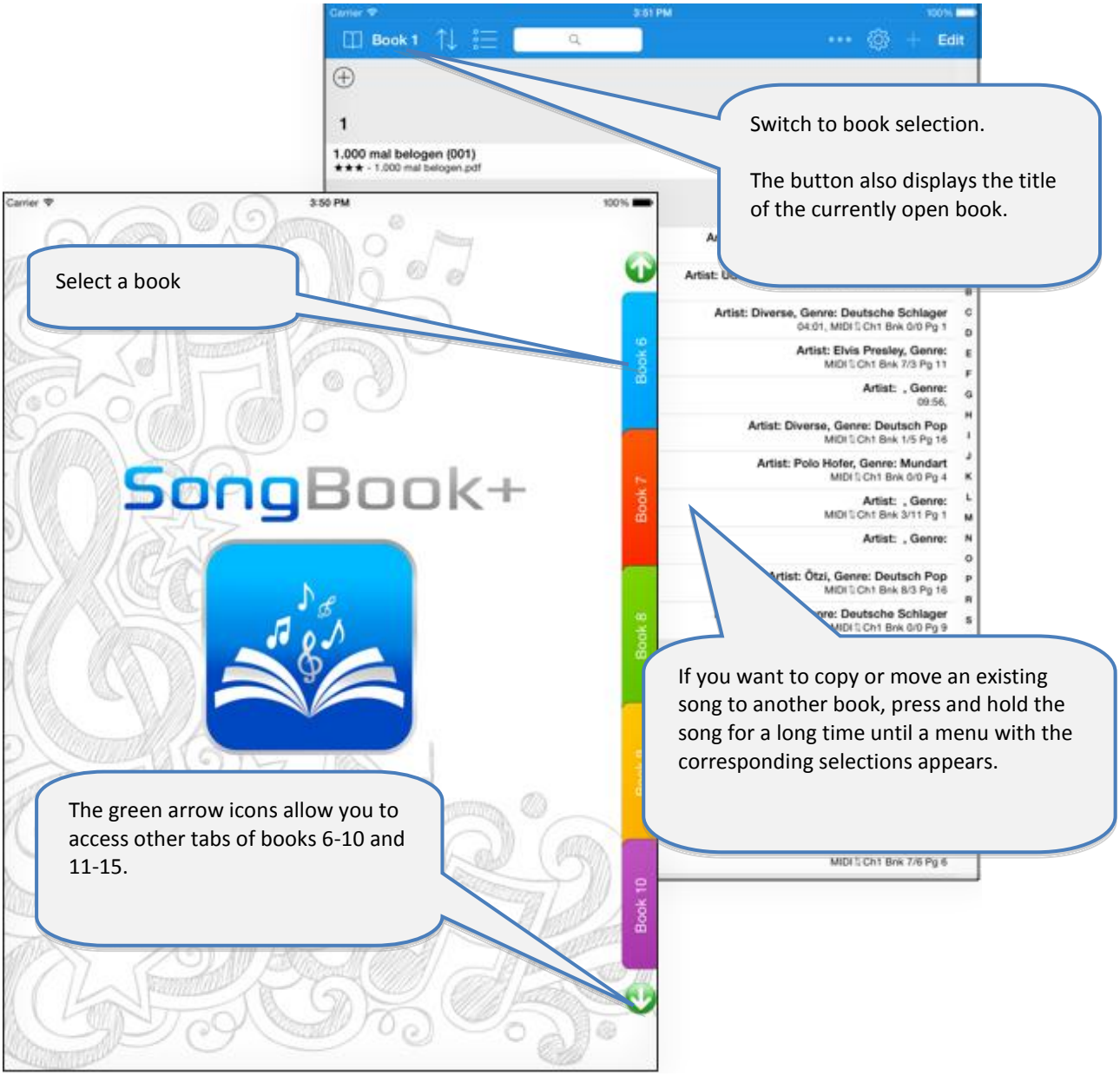


23 Use of multiple books

If you want to use multiple books, activate the switch „Activate multiple books “ in the settings of SongBook+.

You will then see five colored tabs on the book cover that can be used to open the desired book.

Book labels or tabs can be changed in the settings of SongBook+.


Book 1
Edit
Switch to book selection.
The button also displays the title of the currently open book.
Select a book
SongBook+
Book 6
Book 7
Book 8
Book 10
If you want to copy or move an existing song to another book, press and hold the song for a long time until a menu with the corresponding selections appears.
The green arrow icons allow you to access other tabs of books 6-10 and 11-15.

The list of the input artists and genres is shared by all books.

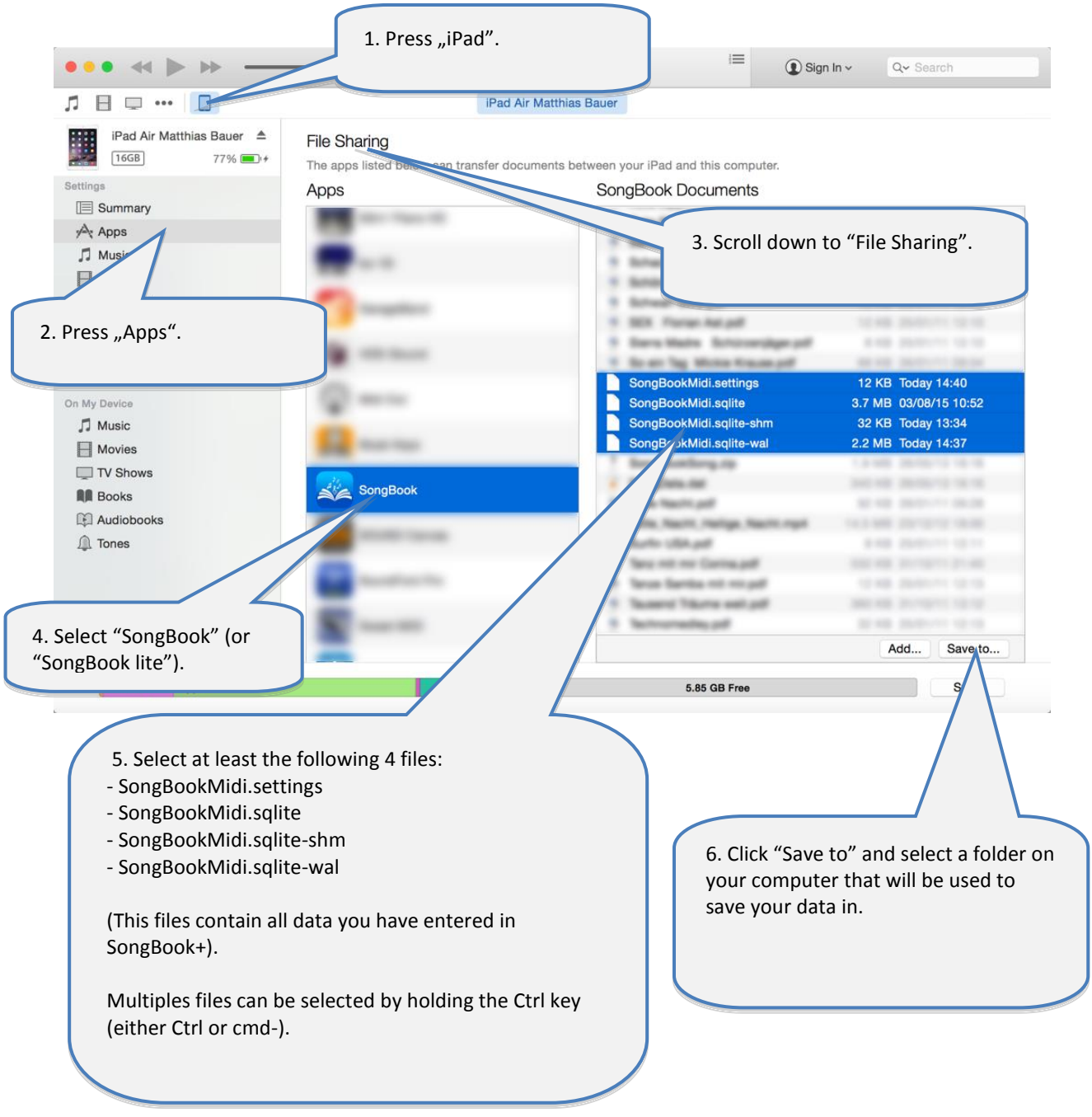
24 Backup and restore your data

The following chapters show you how to save your data to your computer and how to restore the saved data to SongBook.

With the same steps it is also possible to transfer your data from SongBook+ lite to the full version of SongBook+.

24.1 Backup your data

To save your data from SongBook to your computer, connect your iPad to the computer, start iTunes and follow the steps below:



24.2 Restore your data from Backup

- **First, quit SongBook+ as described in chapter 25!**
  If you don't do that beforehand, the restoration of data will be ineffective.
- After you have quit SongBook+, you can restore the data back to SongBook+.
- The restoration of data is carried out in the same way as if you copied other files into SongBook+
  Follow the steps described in chapter Error! Reference source not found. and copy he following files back to SongBook+.
  - SongBookMidi.settings
  - SongBookMidi.sqlite
  - SongBookMidi.sqlite-shm
  - SongBookMidi.sqlite-wal
  - and, if necessary, your PDFs and MP3s

- Note:
  The folder „Inbox“ cannot and must not be copied back!
  It doesn’t contain any required data.

25 Quit SongBook+ or other apps completely

If you close an app using the Home button, it continues to run in the background and still requires memory that other apps may lack.
Therefore, it is highly recommended, especially before operations, to quit all these apps completely including SongBook+ and then restart SongBook+ only so that it could use as much free memory as possible.

1. Double click the Home button on your iPad.
2. If you don't see the app, you can scroll until you see the desired app.
3. Slide the app to the top and out of the screen.
SongBook
Safari

26 Supported file formats

26.1 Files for text or note display

Files with file extensions PDF, PNG, JPG, JPEG, TIF, TIFF, GIF, TXT are used for displaying song lyrics or musical notes.

26.2 Music files

Files with file extensions MP3, WAV, AIFF, M4A can be used for music playback.

26.3 Midi files

Files with file extensions MID, MIDI, SMF can be used for MIDI output.

26.4 Video files

Files with file extensions MOV, MP4, MPV, 3GP, M4V and the following compression standards can be used for video output directly to the iPad itself or to an external monitor or projector:

- H.264 Baseline profile level 3.0 video up to 640x480 at 30 fps
- MPEG-4 Part 2 video (Simple Profile)

26.5 ChordPro files

ChortPro files with the .chopro extension can be imported to display texts and chords.

26.6 LRC files

LRC files with the .lrc extension can be imported to display texts and chords.

26.7 MP3 files with embedded text

SongBook+ can import texts from MP3 files if they are included in the ID3 tag in the "Lyrics3 v2.00" format.

27 Contribution

MIDI Kommunikation:

The MIDI communication in SongBook+ is based on sample code by Pete Goodliffe. Thank you Pete for publishing your sample code on the Internet.

See here for more information:
http://goodliffe.blogspot.com/2010/10/using-coremidi-in-ios-example.html

Musical symbols:

Die Musiksymbole zum Einfügen mit der Notizfunktion stammen von Linkware Graphics. Many thanks to Shirley Kaiser for publishing these symbols.

Further details can be found here:
http://linkwaregraphics.com/music/

In-app settings:

The settings integrated in the app were implemented using "InAppSettingsKit". Many thanks to Luc Vandal and Ortwin Gentz for development and publication.

Further details can be found here:
http://www.inappsettingskit.com

28 Contact information

If you have any questions or feedback about SongBook+, please visit us on

http://www.baum-software.ch

Here you can find a contact form to send us a message, a list of frequently asked questions, download links for the App Store, the latest version of this document and more.